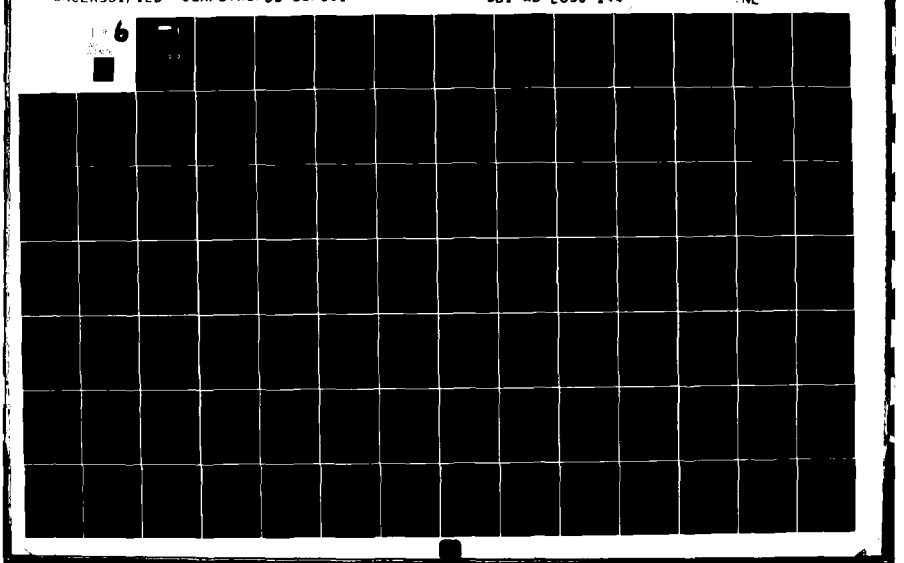
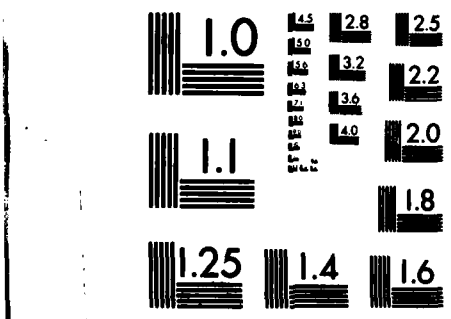
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AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81
UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL



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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

AMARILLO MAP TX
N 35 14 W 101 42 FLD ELEV 3605 FT AMA

WBAN #23047
WMO #72363

PARTS A-F
POR FROM HOURLY OBS: JUN 73 - MAY 81

POR FROM DAILY OBS: JUL 46 - MAY 81

TIME CONVERSION GMT TO LST: -6

DEC 0 2 1981

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
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USAFETAC/TST

FOR THE COMMANDER

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AWS Scientific and Technical
Information Officer (STINFO)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into a summary of the day observations. (Selected from record-special, codes, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. The stations are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations with similar reporting practices.

Check asterisk noted the following summaries are included for this station:

PART A	WEATHER CONDITIONS	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PARTC	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0100-0300, 0400-0600, 0700-0900, 1000-1200, 1300-1500, 1600-1800, 1900-2100, 2200-0000 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY_____	APRIL_____	JULY_____	OCTOBER_____
FEBRUARY_____	MAY_____	AUGUST_____	NOVEMBER_____
MARCH_____	JUNE_____	SEPTEMBER_____	DECEMBER_____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WBO NUMBER
23047	Amarillo Map TX	N 35.14	W 101.42	3605	AMA	72363

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1.	English Field AP	WBAS	Jan 47	Apr 56	N 35.14	W 101.42	3605	3607	24
2.	Amarillo Air Terminal	Same	Apr 56	Jul 74	Same	Same	Same	Same	24
3.	Amarillo Map	Same	Jul 74	May 81	Same	Same	Same	3591	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Jan 47	NA	NA	NA	NA	
2.	Nov 35	Located on Roof	NA	NA	43	
3.	Oct 56	Located on steel tower 345 ft SW of Airport Terminal Bldg, 15 ft E of Instrument Shelter	NA	NA	33	
4.	Mar 61	1. Field	F420C	F312	23	
		2. Field	F102A	NA	33	
5.	Jul 64	1. Field	F420C	F312	23	
		2. Ground, 500 ft N of control tower.	F102A	NA	33	
6.	Aug 74	Field	F420C	F312	23	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047	AMARILLO MAP TX	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		1.2	2.0	6.7		9.9	10.5		.8	.3	11.3	744
	03-05		.9	1.3	7.3		9.5	10.2		1.3	.1	11.4	744
	06-08		.9	2.7	6.5		9.5	12.6	.1	.9		13.6	744
	09-11		1.2	3.4	8.2		12.1	15.9	.3	.8		15.9	744
	12-14		.5	1.9	6.5		8.5	10.9	.3	.5		11.7	744
	15-17		.3	1.5	4.2		5.8	9.4	.1	.3	.3	9.9	744
	18-20		.9	.9	4.6		6.3	9.0				9.0	744
	21-23	.1	.5	2.6	5.1		7.9	8.7		.3	.3	9.1	744
TOTALS		.0	.8	2.0	6.1		8.7	10.9	.1	.6	.1	11.6	5952

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23 47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		.9	.6	5.6		7.1	13.3		.9	.7	14.6	678
	03-05		1.6	1.3	6.0		9.0	14.9		.6	.9	16.1	678
	06-08		.6	3.2	4.6		8.4	17.3		.7	.1	17.8	678
	09-11		1.0	2.5	3.5		7.1	15.8	.3	.9	.1	16.7	678
	12-14		1.8	1.3	3.8		6.8	12.1	.4	.9	1.0	14.0	678
	15-17	.1	3.5	.7	3.7		7.7	8.8	.1	1.0	1.2	10.6	678
	18-20	.3	2.8	1.0	3.5		7.1	7.4		.7	.6	8.3	678
	21-23	.1	1.3	1.2	4.7		7.1	8.3		.3	.4	9.0	678
TOTALS		.1	1.7	1.5	4.4		7.5	12.2	.1	.8	.6	13.4	5424

USAFETAC FORM JULY 64 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23 47	AMARILLO MAP TX	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.8	3.2	.4	2.2	.1	5.5	5.5			.4	5.9	744
	03-05	.3	3.6	.8	1.5		5.8	7.7			.4	8.1	744
	06-08	.5	4.2	1.2	2.8		7.8	13.7			.5	14.2	744
	09-11		4.2	.9	2.4		7.4	12.2		.3	.7	12.9	744
	12-14	.4	5.9	.3	2.0	.1	8.1	7.4		.3	1.6	9.1	744
	15-17	1.9	4.6		1.9	.4	6.3	4.0			4.6	8.6	744
	18-20	1.7	4.6		.9		5.4	3.6			3.2	6.9	744
	21-23	.7	2.6		1.3		3.9	4.0			.9	5.0	744
TOTALS		.8	4.1	.5	1.9	.1	6.3	7.3		.1	1.5	8.8	5952

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFGWC/WEATHER SERVICE/MAC

WEATHER CONDITIONS

23 47	AMARILLO MAP TX	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.7	4.9		.6		5.1	1.7			.1	1.8	720
	03-05	.1	3.5		.7		3.8	4.0				4.0	720
	06-08	.3	5.7		.4		5.7	9.7				9.7	720
	09-11	.1	5.0		.1		5.1	6.8	.1			6.9	720
	12-14	1.0	5.8		.1	.1	5.8	2.6			.8	3.5	720
	15-17	1.9	4.7		.1	.1	4.7	.6	.1		2.2	2.9	720
	18-20	1.5	3.2		.1	.1	3.3	.6			1.0	1.5	720
	21-23	.8	3.9		.1		4.0	1.0				1.0	720
TOTALS		.8	4.6		.3	.0	4.7	3.4	.0		.5	3.9	5760

USAFETAC FORM JULY 64 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
AC
ATHER SERVICE/MAC

WEATHER CONDITIONS

AMARILLO MAP TX | 74-61 | MAY
N — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	3.1	5.5		.4		5.9	3.4			.1	3.5	744
	03-05	2.4	8.1		.4		8.5	7.4				7.4	744
	06-08	1.2	6.5		.4		6.9	16.5	.1			16.5	744
	09-11	.5	4.6		.7		5.0	7.1	.3		.3	7.7	744
	12-14	.8	4.3		.3		4.3	3.1	.1		.4	3.6	744
	15-17	3.2	4.6			.3	4.6	1.7			.9	2.7	744
	18-20	5.5	6.5			.1	6.5	2.2	.1		.5	2.8	741
	21-23	4.7	7.6		.3	.1	7.6	3.0	.1		.1	3.2	741
TOTALS		2.7	5.9		.3	.1	6.2	5.6	.1		.3	5.9	5946

[illegible] CLIMATOLOGY BRANCH
[illegible] USAFETAC
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible]47	AMARILLO MAP TX	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	4.3	5.6				5.6	.4				.4	720
	03-05	1.0	2.6				2.6	1.8				1.8	720
	06-08	.7	2.4				2.4	6.3				6.3	720
	09-11	.4	1.7				1.7	3.1			.1	3.2	720
	12-14	1.0	2.2				2.2	1.0			.4	1.4	720
	15-17	4.3	3.2				3.2	.4				.4	720
	18-20	7.2	6.4			.1	6.4	.4			.4	.8	720
	21-23	5.4	6.3			.1	6.3	.8			.3	1.1	720
TOTALS		3.0	3.8			.0	3.9	1.8			.2	1.9	5760

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047	AMARILLO MAP TX	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.4	4.7				4.7	1.1				1.1	744
	03-05	2.3	2.3				2.3	2.4				2.4	744
	06-08	1.3	3.0				3.0	5.8				5.8	744
	09-11	.4	2.0				2.0	1.2	.1			1.3	744
	12-14	1.1	1.7				1.7	.1	.8			.9	744
	15-17	5.8	4.4				4.4						744
	18-20	4.2	3.0				3.0						744
	21-23	4.4	4.2				4.2						744
TOTALS		2.9	3.2				3.2	1.3	.1			1.4	5952

L MAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047 | AMARILLO MAP TX | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	3.6	7.1				7.1	.4				.4	744
	03-05	2.2	7.0				7.0	2.2				2.2	744
	06-08	2.3	6.3				6.3	7.5				7.5	744
	09-11	.7	4.7				4.7	2.2	.1			2.3	744
	12-14	.5	2.2				2.2	.4	.1			.5	744
	15-17	2.3	3.1				3.1	.5	.1			.7	744
	18-20	5.5	5.1				5.1	.1				.1	744
	21-23	5.0	5.6				5.6	.1				.1	744
TOTALS		2.8	5.1				5.1	1.7	.0			1.7	5952

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A... WEATHER SERVICE/MAC

WEATHER CONDITIONS

23147 | AMARILLO MAP TX | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.6	6.4				6.4	4.3				4.3	720
	03-05	1.3	6.6				6.6	4.7				4.7	720
	06-08	.4	5.3				5.3	10.3	.1			10.3	720
	09-11	.6	6.9				6.9	5.8	.3			6.0	720
	12-14	.4	6.4				6.4	3.1				3.1	720
	15-17	1.4	6.4				6.4	2.6				2.6	720
	18-20	1.4	5.4				5.4	2.6				2.6	720
	21-23	1.4	5.1				5.1	3.5				3.5	720
TOTALS		.9	6.1				6.1	4.6	.1			4.6	5760

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...ETAC
...WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047	AMARILLO MAP TX	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.1	2.6		.8		3.4	3.8			.1	3.9	744
	03-05	.1	2.6		.3		2.8	5.1				5.1	744
	06-08	.3	3.4		.5		3.8	9.4				9.4	744
	09-11		4.4		.7		5.1	7.4	.1		.3	7.8	744
	12-14	.1	4.4		.8		5.2	4.7	.3			5.0	744
	15-17	.3	3.6		.8		4.4	3.5			.1	3.6	744
	18-20	1.5	3.5		.9		4.4	3.4			.1	3.5	744
	21-23	1.7	3.6		1.1	.1	4.7	3.8				3.8	744
TOTALS		.6	3.5		.7	.0	4.2	5.1	.1		.1	5.3	5952

USAPETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047 AMARILLO MAP TX 73-80 NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	4.2	.7	2.4		7.2	8.3		.4		9.3	720
	03-05		4.6	1.0	3.3		8.6	10.8		.4		10.8	720
	06-08	.3	4.2	.4	3.1		7.6	12.5				12.5	720
	09-11		3.8	.1	3.6		7.5	12.9		.7		13.1	720
	12-14		3.5	.3	2.8		6.5	7.1		.8		7.4	720
	15-17		2.8		1.7		4.3	5.1		.8	.3	5.4	720
	18-20	.1	2.4	.8	2.4		5.4	5.8		.4		5.8	720
	21-23		3.3	1.0	2.1		6.3	8.1		.4		8.1	720
TOTALS		.1	3.6	.5	2.7		6.7	8.8		.5	.0	8.9	5760

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23047	AMARILLO MAP TX	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		.3	.1	3.2		3.5	4.8		.1	.1	5.1	744
	03-05		.7	.1	3.2		3.9	4.0				4.0	744
	06-08		.5	.1	3.9		4.6	5.1		.1	.1	5.4	744
	09-11		.4	.3	3.2		3.6	5.5		.4	.3	6.2	744
	12-14		1.2		3.6		4.6	4.8				4.6	744
	15-17	.1	.9	.1	2.4		3.1	3.8				3.8	744
	18-20		.9	.3	3.5		4.6	4.2		.1		4.3	744
	21-23		.7	.3	4.0		5.0	4.3		.4		4.7	744
TOTALS		.0	.7	.2	3.4		4.1	4.6		.1	.1	4.8	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23 47	AMARILLO MAP TX	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	.8	2.0	6.1		8.7	10.9	.1	.6	.1	11.6	5952
FEB		.1	1.7	1.5	4.4		7.5	12.2	.1	.8	.6	13.4	5424
MAR		.8	4.1	.5	1.9	.1	6.3	7.3		.1	1.5	8.8	5952
APR		.8	4.6		.3	.0	4.7	3.4	.0		.5	3.9	5760
MAY		2.7	5.9		.3	.1	6.2	5.6	.1		.3	5.9	5946
JUN		3.0	3.8			.0	3.8	1.8			.2	1.9	5760
JUL		2.9	3.2				3.2	1.3	.1			1.4	5952
AUG		2.8	5.1				5.1	1.7	.0			1.7	5952
SEP		.9	6.1				6.1	4.6	.1			4.6	5760
OCT		.6	3.5		.7	.0	4.2	5.1	.1		.1	5.3	5952
NOV		.1	3.6	.5	2.7		6.7	8.8		.5	.0	9.9	5760
DEC		.0	.7	.2	3.4		4.1	4.6		.1	.1	4.8	5952
TOTALS		1.2	3.6	.4	1.7	.0	5.6	5.6	.1	.2	.3	6.0	70122

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

[illegible]	[illegible] MAP TX	46-[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	DAILY	.4	14.[illegible]	7.2	21.9		39.3	22.3	1.2	3.1	.1	24.4	1090
[illegible]		1.7	13.2	7.3	20.9	.2	36.5	26.6	.3	3.7	.5	29.1	989
[illegible]		[illegible].2	22.1	3.5	16.3	1.5	31.2	23.9	2.2	1.[illegible]	1.4	27.2	1095
APR		11.2	7[illegible].8	.6	5.3	2.9	30.2	17.4	1.3	.2	1.3	1[illegible].2	1050
MAY		28.9	45.2		.3	4.4	44.2	21.6	1.3		.6	2[illegible].8	1085
JUN		31.9	41.1			4.6	40.3	10.1	.4		1.3	11.2	1020
JUL		71.4	43.4			1.9	41.7	6.9	.6		.3	7.3	1073
AUG		29.7	39.6			1.3	37.3	10.5	.9		.1	11.2	1055
SEP		12.3	32.1			1.3	39.4	20.0	.8			21.1	1056
OCT		6.6	22.7	.4	1.3	.9	21.9	18.9	.6			19.9	1035
NOV		2.0	10.6	2.5	10.5	.3	21.8	18.9	1.4	.3		21.3	1031
DEC		.4	12.4	5.3	15.6		22.0	17.0	1.6	1.7	.2	16.9	1085
TOTALS		13.4	28.1	2.2	7.7	1.6	31.7	17.9	1.0	.7	.4	19.3	12719

USAPETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNT

PERCENTAGE FREQUENCY (
PRECIPITATION
(FROM DAILY OBSERVATION

23 47 — STATION
AMARILLO MAP TX — STATION NAME
46-81 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	71.0	15.9	2.1	3.8	2.6	3.1	1.3	.2	.1					13.2	1085	.48	2.33	TRACE
FEB	69.7	14.8	2.7	4.6	3.6	3.1	1.4	.6	.2					16.3	989	.57	1.83	.02
MAR	68.9	16.0	2.0	4.3	1.9	3.7	2.3	.9	.3					15.5	1085	.86	3.99	TRACE
APR	69.3	14.7	1.9	3.7	1.5	4.5	2.0	2.0	.4					16.0	1050	1.10	2.74	TRACE
MAY	54.6	17.2	3.8	5.9	3.5	5.0	4.0	3.9	1.8	.4				28.2	1085	2.90	9.81	.19
JUN	59.3	13.3	2.5	4.9	3.5	5.0	3.6	4.8	2.5	.5				27.4	1020	3.51	10.73	.0
JUL	57.6	15.2	2.8	5.5	3.5	5.3	4.1	3.6	2.3					27.2	1085	2.73	7.59	.1
AUG	60.4	12.5	2.8	5.5	2.5	5.7	4.5	3.3	2.6	.2				27.1	1085	3.04	7.55	.3
SEP	68.3	13.0	2.3	4.8	2.3	3.1	2.6	1.9	1.8					18.8	1050	1.80	5.02	.0
OCT	76.8	8.6	1.1	2.9	2.2	2.9	2.4	1.9	1.0	.1				14.7	1085	1.46	5.73	.0
NOV	77.9	11.5	.9	2.9	2.5	2.0	1.8	.8	.2					11.0	1050	.60	2.26	TRAC
DEC	77.6	11.3	1.8	3.5	2.0	2.0	1.0	.4	.3					11.1	1085	.51	4.52	TRAC
ANNUAL	67.9	13.7	2.2	4.4	2.6	3.8	2.6	2.0	1.1	.1				18.9	12754	19.56		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

ION AMARILLO MAP TX (STATION NAME) 46-81 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46							.05	1.12	2.03	2.61	.38	1.12	
47	.20	.04	.39	.66	1.11	1.57	.61	.13	.24	.07	.57	.78	1.57
48	.15	.53	.33	.73	1.05	3.46	.44	1.33	.71	1.44	2.01	.75	3.46
49	.42	.25	.21	1.22	3.23	.84	1.35	1.91	.89	.67	.01	.18	3.23
50	TRACE	.13	TRACE	.28	1.13	1.27	1.87	1.89	1.74	TRACE	.03	.22	1.89
51	.11	1.05	.41	.22	3.95	2.06	.80	.85	1.95	1.29	.14	.30	3.95
52	.41	.14	.26	.63	.74	.88	.64	.37	.20	.00	.70	.35	.88
53	.64	.31	.25	.35	.53	.01	1.00	.54	.25	1.56	.37	.63	1.56
54	.15	.07	.08	1.27	.78	.94	.30	.82	.15	.57	TRACE	.07	1.27
55	.41	.04	.33	.14	.99	.72	1.44	.86	1.58	.08	.02	.10	1.58
56	.04	.59	.03	.23	.65	1.27	.83	.40	.43	.35	TRACE	TRACE	1.27
57	.29	.68	.95	.54	1.31	.35	.11	2.09	.40	.95	.26	.03	2.09
58	.42	.21	.90	.82	.80	3.69	1.27	1.70	.52	.12	.38	.25	3.69
59	.11	.02	.12	.88	2.16	.63	1.76	.98	1.61	.79	.09	1.64	2.16
60	.61	.38	1.34	1.46	.42	4.06	1.78	1.36	2.15	2.35	TRACE	.24	4.06
61	.12	.17	.74	.13	2.11	.83	1.20	2.33	1.17	.33	.81	.09	2.33
62	.24	.38	.02	1.09	.89	2.84	1.99	1.59	1.39	.69	.51	.47	2.84
63	.02	.32	.24	.33	1.05	1.14	.87	1.75	.12	1.15	.31	.19	1.75
64	TRACE	.75	.02	TRACE	.86	.79	.40	2.96	2.27	.05	.49	.43	2.96
65	.22	.28	.52	.16	.76	2.50	.58	1.20	.62	.95	.07	.13	2.50
66	.29	.61	.01	.67	.08	2.70	.47	1.33	1.70	.29	.08	.16	2.70
67	TRACE	.08	.22	.89	.54	.82	1.84	.52	.85	1.56	.26	.25	1.84
68	1.54	.33	.27	.70	.97	.79	1.11	1.65	.48	.48	.36	.14	1.65
69	.02	.18	.30	.18	1.69	1.67	1.68	1.93	.60	.89	.30	.40	1.93
70	.02	.02	.78	.99	.19	.88	1.30	.46	.20	.68	.26	TRACE	1.30
71	.08	1.25	.10	.46	.39	1.15	.51	1.20	1.82	1.50	1.11	.63	1.82
72	.07	.11	.06	.03	.83	1.10	1.50	.56	.23	.80	.37	.13	1.50
73	.21	.29	1.39	.84	.68	.68	1.40	.90	.70	.50	.07	.13	1.40
74	.13	.12	.33	.04	2.62	1.63	.70	1.94	.73	.66	.12	.35	2.62
75	.15	.46	.27	.57	1.11	.98	1.13	2.45	.43	.33	.70	.07	2.45
MEAN													
S.D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	TRACE	.10	.62	.67	.96	1.45	.82	.77	2.06	.47	.25	TRACE	2.06
77	.34	.22	.24	.84	.97	.65	1.45	1.24	.03	.26	.17	.21	1.45
78	.16	.26	.07	.46	1.58	1.55	.80	1.08	1.49	.84	.19	.12	1.58
79	.23	.15	.39	.50	1.78	.72	.88	3.58	.25	.73	.20	.04	3.58
80	.48	.42	.85	.25	1.63	.88	.64	.72	.80	.20	.36	.35	1.63
81	.13	.14	.62	.35	.49								
MEAN	.239	.317	.390	.560	1.172	1.397	1.015	1.329	.937	.749	.341	.293	2.193
S.D.	.285	.284	.361	.376	.826	.969	.528	.769	.704	.628	.387	.336	.846
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
46							.12	3.96	3.25	5.73	.61	1.18	
47	.32	.07	.77	2.07	4.59	3.19	1.54	.39	.24	.12	.92	1.26	15.48
48	.63	1.83	.72	.73	2.82	4.92	1.52	5.16	1.27	2.58	2.11	.09	24.38
49	2.04	.59	.57	1.99	6.43	2.82	3.90	3.78	1.69	1.03	.01	.30	25.15
50	TRACE	.20	TRACE	.64	1.83	3.25	7.32	4.54	5.02	TRACE	.03	.35	23.18
51	.38	1.17	.55	.43	*.81	4.34	2.01	1.52	2.01	2.37	.25	.45	25.29
52	.53	.24	.56	2.46	2.05	1.75	1.36	.88	.38	.00	1.44	.50	12.15
53	.64	.53	.38	.62	.70	.01	1.81	2.00	.26	4.56	.56	.98	13.05
54	.25	.09	.17	2.31	4.44	1.95	.55	2.91	.30	.73	TRACE	.19	13.89
55	.53	.06	.33	.38	2.70	1.49	3.35	1.49	3.13	.13	.02	.10	13.71
56	.09	1.10	.03	.23	1.99	2.03	2.82	.79	.48	.38	TRACE	TRACE	9.94
57	.33	1.11	2.82	2.69	4.36	.53	.13	4.85	.88	2.57	.94	.03	21.24
58	1.05	.58	2.36	1.74	2.45	4.22	6.16	2.08	1.60	.15	.60	.30	23.29
59	.16	.06	.26	1.18	4.82	2.19	2.85	2.24	2.29	2.10	.14	4.52	22.81
60	1.30	.95	1.66	1.66	.82	9.85	7.59	3.15	4.22	4.82	TRACE	.65	36.67
61	.12	.27	2.55	.24	3.40	3.42	4.10	3.14	1.87	.91	2.26	.16	22.44
62	.47	.39	.02	1.48	1.76	10.16	7.51	3.29	2.66	.71	.53	.64	29.62
63	.06	.67	.28	.47	3.66	3.60	2.04	3.93	.43	1.54	.33	.29	17.30
64	TRACE	1.37	.03	TRACE	1.69	1.90	.94	5.69	3.95	.08	1.53	.79	17.97
65	.55	.47	.72	.23	1.88	10.73	1.54	1.71	.79	1.02	.07	.39	20.09
66	.43	.69	.01	.87	.19	4.62	1.37	3.77	2.40	.29	.08	.19	14.91
67	TRACE	.15	.42	1.95	1.40	2.55	3.70	1.81	2.47	1.61	.28	.51	16.85
68	2.33	.73	.45	.93	2.84	1.68	2.96	3.35	.62	.90	.92	.26	17.97
69	.02	.50	1.15	.30	2.93	4.09	2.55	4.51	2.77	2.56	.34	.83	22.55
70	.02	.02	2.10	1.33	.23	1.54	1.39	1.27	.34	1.06	.26	TRACE	9.56
71	.10	1.65	.10	.77	.91	4.17	1.75	3.33	4.70	2.59	2.08	.89	23.04
72	.21	.11	.11	.03	2.81	3.87	2.59	1.73	.71	1.66	1.19	.32	15.34
73	.56	.42	3.99	1.88	1.43	.84	4.08	2.31	1.22	1.05	.10	.17	18.05
74	.33	.24	.60	.04	4.06	3.33	1.31	7.55	1.65	3.44	.12	.42	23.09
75	.28	1.33	.51	1.02	2.47	4.15	5.19	3.97	.76	.33	.92	.15	21.08
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
76	TRACE	.10	.79	1.65	1.36	2.94	1.77	1.78	4.28	1.14	.43	TRACE	16.24
77	.64	.53	.24	2.74	4.01	2.06	3.24	4.94	.03	.26	.32	.27	19.28
78	.63	.80	.21	.55	5.76	6.50	1.82	1.61	2.42	.97	.47	.27	22.01
79	.92	.28	1.46	1.29	3.94	3.19	2.03	5.08	.52	1.28	.40	.07	20.46
80	.35	.55	1.38	.82	2.88	1.30	.65	1.80	1.55	.42	.84	.35	13.39
81	.11	.23	1.87	.90	2.11								
MEAN	.482	.574	.862	1.103	2.901	3.505	2.730	3.037	1.805	1.460	.603	.510	19.455
S.D.	.535	.478	.950	.801	1.924	2.534	1.992	1.619	1.417	1.434	.633	.771	5.651
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 46-81 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	78.2	11.8	3.6	3.9	1.8	.3	.2	.3	.1					10.0	1085	3.4	12.9	TRACE
FEB	79.1	10.3	4.0	3.6	1.5	.5	.3	.2	.3	.1				10.6	989	4.0	17.3	TRACE
MAR	83.7	10.4	2.4	1.8	.6	.5	.4	.2	.1					5.9	1085	2.5	14.7	TRACE
APR	95.3	3.6	.6	.2	.3	.2		.1						1.3	1050	.5	8.0	.0
MAY	99.7	.2		.1										.1	1085	TRACE	.5	.0
JUN	100.0														1020	.0	.0	.0
JUL	100.0														1085	.0	.0	.0
AUG	100.0														1085	.0	.0	.0
SEP	100.0														1050	.0	.0	.0
OCT	98.4	.8	.3	.2	.1	.2								.7	1085	.3	3.9	.0
NOV	89.7	5.9	1.4	1.5	.5	.4	.2	.2	.2					4.4	1050	2.0	13.6	.0
DEC	84.4	9.7	1.9	2.4	1.0	.3	.2	.1						5.9	1085	2.0	7.9	.0
ANNUAL	92.3	4.4	1.2	1.1	.5	.2	.1	.1	.1	.0				3.2	12754	14.7		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46							.0	.0	.0	.0	.6	.9	
47	2.5	.5	4.1	5.1	.0	.0	.0	.0	.0	.0	.9	3.1	5.1
48	1.3	5.1	2.3	.0	.0	.0	.0	.0	.0	.0	.5	.2	5.1
49	2.0	.3	TRACE	1.5	.0	.0	.0	.0	.0	TRACE	.0	.1	2.0
50	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	.5
51	2.6	.6	.3	TRACE	.0	.0	.0	.0	.0	.0	.6	3.0	3.0
52	3.8	.2	.1	TRACE	.0	.0	.0	.0	.0	.0	7.0	4.3	7.0
53	6.4	.6	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.5	6.4
54	1.8	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.8
55	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.2	1.8	1.8
56	.7	7.3	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.3
57	.8	.9	8.4	TRACE	.0	.0	.0	.0	.0	TRACE	2.9	.0	8.4
58	2.3	2.6	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.0	2.5	4.0
59	1.3	.7	.9	TRACE	.0	.0	.0	.0	.0	.0	.9	TRACE	1.3
60	6.7	2.3	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	6.7
61	1.8	1.9	6.3	.3	.0	.0	.0	.0	.0	.0	4.6	.4	6.3
62	1.0	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	7.6	.8	7.6
63	.2	2.4	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4
64	TRACE	9.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	9.5
65	2.2	1.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.2
66	4.9	.2	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.7	4.9
67	TRACE	.8	.4	.0	.0	.0	.0	.0	.0	TRACE	2.1	2.3	2.3
68	.4	3.3	2.4	.0	.0	.0	.0	.0	.0	.0	.3	1.6	3.3
69	.2	1.8	2.6	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.3
70	.1	TRACE	5.0	1.7	.0	.0	.0	.0	.0	2.9	2.6	TRACE	5.0
71	.8	11.4	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	5.7	11.4
72	.7	2.0	.6	.0	.0	.0	.0	.0	.0	.4	3.6	2.1	3.6
73	1.8	3.1	.5	3.2	.0	.0	.0	.0	.0	.0	.4	1.2	3.2
74	1.5	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	1.5
75	2.3	5.2	.8	TRACE	.0	.0	.0	.0	.0	.0	.4	1.0	5.2
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
46-61 — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	TRACE	TRACE	4.2	.0	.0	.0	.0	.0	.0	3.0	2.5	TRACE	4.2
77	3.6	1.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	.2	3.6
78	2.5	3.3	.7	TRACE	.5	.0	.0	.0	.0	.0	2.0	1.7	3.3
79	1.4	1.7	TRACE	TRACE	.0	.0	.0	.0	.0	1.6	1.9	.3	1.9
80	.7	3.8	.6	TRACE	.0	.0	.0	.0	.0	.0	.5	TRACE	3.8
81	1.0	.1	.1	.0	.0								
MEAN	1.71	2.19	1.40	.34	.01	.00	.00	.00	.00	.23	1.35	1.39	4.41
S.D.	1.690	2.692	2.052	1.049	.084	.000	.000	.000	.000	.735	1.941	1.408	2.530
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-61
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
46							.0	.0	.0	.0	1.3	.9	
47	4.7	1.0	5.4	8.0	.0	.0	.0	.0	.0	.0	.9	4.1	24.1
48	6.8	8.6	4.1	.0	.0	.0	.0	.0	.0	.0	.7	.2	20.4
49	8.4	.3	TRACE	2.4	.0	.0	.0	.0	.0	TRACE	.0	.1	11.2
50	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	.5
51	4.3	1.3	.3	TRACE	.0	.0	.0	.0	.0	.0	.9	4.5	11.3
52	4.0	.4	.2	TRACE	.0	.0	.0	.0	.0	.0	13.6	4.7	22.9
53	6.4	1.2	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.5	9.1
54	3.1	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.4
55	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.2	1.8	2.7
56	.7	14.7	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.7
57	1.6	1.6	11.1	TRACE	.0	.0	.0	.0	.0	TRACE	2.9	.0	17.2
58	5.2	5.2	8.6	TRACE	.0	.0	.0	.0	.0	.0	2.1	2.7	23.8
59	1.7	.9	1.4	TRACE	.0	.0	.0	.0	.0	.0	.9	TRACE	4.9
60	12.9	5.9	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	22.9
61	1.6	3.1	14.7	.3	.0	.0	.0	.0	.0	.0	4.9	.5	25.3
62	2.3	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	7.6	.8	10.8
63	.5	4.8	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.9
64	TRACE	17.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.5	17.8
65	5.6	3.8	2.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	13.1
66	7.2	.4	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.8	9.5
67	TRACE	1.1	.4	.0	.0	.0	.0	.0	.0	TRACE	2.1	6.1	9.7
68	.6	8.0	2.9	.0	.0	.0	.0	.0	.0	.0	.3	1.8	13.6
69	.2	2.9	10.3	.0	.0	.0	.0	.0	.0	.0	TRACE	7.1	20.5
70	.1	TRACE	14.1	1.8	.0	.0	.0	.0	.0	3.9	2.6	TRACE	22.5
71	.8	17.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	7.9	27.0
72	1.6	2.0	.6	.0	.0	.0	.0	.0	.0	.4	9.9	2.8	17.3
73	7.0	4.2	.5	5.7	.0	.0	.0	.0	.0	.0	.4	1.5	19.3
74	3.6	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	6.3
75	3.8	11.7	1.2	TRACE	.0	.0	.0	.0	.0	.0	.4	1.8	18.9
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23.47 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
76	TRACE	TRACE	4.2	.0	.0	.0	.0	.0	.0	3.9	4.3	TRACE	12.4
77	6.4	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.3	.2	11.6
78	8.2	9.4	1.5	TRACE	.5	.0	.0	.0	.0	.0	2.0	3.3	24.9
79	5.9	1.9	TRACE	TRACE	.0	.0	.0	.0	.0	1.6	2.2	.3	11.9
80	1.4	5.2	1.0	TRACE	.0	.0	.0	.0	.0	.0	8.6	TRACE	16.2
81	1.1	.1	.1	.0	.0								
MEAN	3.37	3.99	2.53	.53	.01	.00	.00	.00	.00	.28	2.00	1.97	15.02
S.D.	3.176	4.894	4.142	1.680	.084	.000	.000	.000	.000	.946	3.237	2.110	7.018
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTE # (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

23,47 STATION | AMARILLO MAP TX STATION NAME | 46-81 YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	02-05	06-10	11-25	26-50	51-100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	75.0	11.8	6.1	2.7	2.2	2.1	.1							13.2	1085			
FEB	79.1	10.5	4.3	2.2	1.4	1.7	.3	.4						10.4	989			
MAR	91.1	5.1	2.5	.6	.2	.5	.2							3.9	1085			
APR	98.9	.9	.1	.1		.1								.3	1050			
MAY	99.9	.1													1085			
JUN	100.0														1020			
JUL	100.0														1085			
AUG	100.0														1085			
SEP	100.0														1050			
OCT	99.4	.5	.1											.1	1085			
NOV	91.8	4.5	1.3	1.0	.8	.4	.3							3.7	1050			
DEC	86.9	8.4	2.4	.9	.7	.6	.1							4.7	1085			
ANNUAL	93.5	3.5	1.4	.6	.4	.4	.1	.0						3.0	12754			

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

27047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46							0	0	0	0	TRACE	TRACE	
47	4	TRACE	4	1	0	0	0	0	0	0	0	TRACE	4
48	5	4	2	0	0	0	0	0	0	0	TRACE	0	5
49	3	3	0	TRACE	0	0	0	0	0	0	0	TRACE	3
50	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
51	3	3	TRACE	TRACE	0	0	0	0	0	0	TRACE	4	4
52	4	TRACE	0	0	0	0	0	0	0	0	9	3	9
53	3	1	TRACE	0	0	0	0	0	0	0	TRACE	1	3
54	1	0	1	0	0	0	0	0	0	0	0	1	1
55	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	1	1
56	1	13	TRACE	0	0	0	0	0	0	0	0	TRACE	13
57	TRACE	1	10	TRACE	0	0	0	0	0	TRACE	2	0	10
58	3	3	3	0	0	0	0	0	0	0	1	3	3
59	2	1	1	TRACE	0	0	0	0	0	0	1	TRACE	2
60	7	1	1	0	0	0	0	0	0	0	0	3	7
61	1	2	4	0	0	0	0	0	0	0	3	1	4
62	2	TRACE	0	0	0	0	0	0	0	0	4	TRACE	4
63	TRACE	2	0	0	0	0	0	0	0	0	0	2	2
64	TRACE	13	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	13
65	2	2	1	0	0	0	0	0	0	0	0	1	2
66	6	1	TRACE	0	0	0	0	0	0	0	0	2	6
67	TRACE	TRACE	TRACE	0	0	0	0	0	0	0	2	2	2
68	TRACE	4	1	0	0	0	0	0	0	0	0	TRACE	4
69	TRACE	2	2	0	0	0	0	0	0	0	TRACE	6	6
70	2	0	7	TRACE	0	0	0	0	0	1	0	TRACE	7
71	1	14	TRACE	0	0	0	0	0	0	0	0	7	14
72	1	2	0	0	0	0	0	0	0	0	2	2	2
73	5	3	TRACE	6	0	0	0	0	0	0	TRACE	2	6
74	3	1	0	0	0	0	0	0	0	0	TRACE	1	3
75	2	6	1	0	0	0	0	0	0	0	0	1	6
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	TRACE	TRACE	1	0	0	0	0	0	0	TRACE	3	0	3
77	5	2	0	0	0	0	0	0	0	0	1	0	5
78	3	5	1	TRACE	TRACE	0	0	0	0	0	TRACE	2	5
79	1	1	TRACE	0	0	0	0	0	0	TRACE	2	TRACE	2
80	1	4	TRACE	0	0	0	0	0	0	0	4	TRACE	4
81	TRACE	TRACE	TRACE	0	0								
MEAN	2.0	2.7	1.1	.2	TRACE	.0	.0	.0	.0	.0	1.0	1.3	4.9
S.D.	1.948	3.668	2.171	1.023	.000	.000	.000	.000	.000	.169	1.855	1.725	3.474
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

C

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALU

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 69-81
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTH
69									S	*33SW	41W	49	
70	SW 43N	35SE	47SSE	51NW	38S	59W	41N	52WSW	36NW	46NW	53NW	55	S
71	W 41N	52N	51NE	53S	55SW	60S	40S	37NE	40W	42NW	44W	38	SW
72	W 42N	37N	44W	48S	44NE	60NW	42NE	36N	34N	33N	50N	42	NE
73	N 56W	44W	63SW	70N	52NE	38NW	36W	49SW	39S	34SW	45N	47	SW
74	N 39N	50W	46SW	51S	51W	50NW	40NW	57N	42SW	37N	37NW	44	NW
75	N 50N	45W	50S	55S	51NW	49W	45S	35N	36S	36SW	63SW	42	SW
76	N 53N	58W	54NW	53NW	61S	46NE	44SW	41N	44NE	36N	39N	39	NW
77	W 41W	53N	66W	51NE	44E	45S	37SE	34W	36NE	37N	49W	46	N
78	W 41N	39S	49S	53NW	51E	40NW	39S	40SW	39NE	45SW	42N	41	S
79	N 46NW	42N	50SW	47S	40NW	45N	60N	47W	39NW	64NW	39W	43	NW
80	N 46W	50N	52NW	47NE	40SE	41SE	40N	40SE	39SW	40N	33N	33	N
81	W 34N	42NW	49S	57N	44								
MEAN	44.3	45.6	51.8	53.0	47.6	48.5	42.2	42.3	38.7	40.9	44.6	43.3	6
S.D.	6.213	7.051	6.552	6.164	6.973	8.042	6.478	7.607	2.796	8.757	6.163	5.659	5.
TOTAL OBS	370	339	372	360	372	328	340	341	330	355	358	372	4

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) $ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

AL CLIMATOLOGY BRANCH
USAF
ETAC
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 — AMARILLO MAP TX — 74-81 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-2300

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.9	4.6	3.6	1.5	1.2	.5	.4				14.4	12.1
NNE	.1	.3	.9	3.1	.7	.1	.1					5.4	12.2
NE		.4	.7	.5	.4	.1						2.2	12.2
ENE		.3	.3									.5	6.5
E		.9	.9	.1								2.3	6.9
ESE		.1	.9	.7								1.7	9.5
SE		.7	1.7	1.6	.4							4.4	10.2
SSE		1.2	1.3	1.9	.3							4.7	10.1
S		3.2	4.4	6.6	1.5	.1						15.9	10.2
SSW		2.0	2.0	2.0	.7							7.7	10.5
SW	.4	.7	6.9	2.3	.9	.1						11.3	9.9
WSW	.3	1.2	2.4	1.9	.4							6.2	9.3
W	.1	1.3	2.3	1.9	.9	.3						7.4	10.7
WNW	.4	1.7	2.2	1.2	.3							5.8	8.4
NW		.9	2.2	1.5	.3							4.9	9.4
NNW		.9	1.2	1.3								3.5	9.8
VARBL													
CALM												2.2	
	1.3	19.5	36.4	31.2	8.2	2.0	.7	.4				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
...47	AMARILLO MAP TX	74-81	JAN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ...-...

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	4.2	6.9	2.2	.5	.8					15.7	12.3
NNE		.2	1.9	2.3	.9	.1	.3					5.3	13.1
NE		.3	.4	.3	.3							1.2	11.1
ENE		.1	.4	.3								.8	8.7
E	.1	.5	.8									1.5	6.8
ESE		.7	.5		.1							1.3	8.4
SE		.7	.7	1.7	.3							3.4	10.5
SSE		.9	.9	1.3								3.2	9.4
S		1.7	4.7	3.5	1.2							11.2	10.5
SSW	.3	.7	2.7	2.4	.7	.1						6.9	11.1
SW	.1	1.6	6.6	2.0	.7							11.0	9.6
WSW	.1	1.7	4.2	2.7	.8							9.5	10.1
W	.1	1.7	3.0	.7	.9	.1	.3					6.9	10.5
WNW	.1	1.3	3.8	.7	.1							5.0	8.2
NW		2.0	3.5	2.0	.4	.1						8.1	9.4
NNW		.4	2.4	1.6	.3	.3	.1					5.1	11.3
VARBL													
CALM												1.9	
	.9	16.5	42.6	28.4	8.9	1.3	1.5					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...42 / ...MARFA MAP TX — 74-81 — ...

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER — 0600-0900

CLASS / HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.6	6.3	3.5	3.1	1.5						16.2	12.4
NNE	.1	.7	1.1	2.7	.7	.4						5.6	13.0
NE		.1	.8	.4		.5						1.9	13.9
ENE		.4		.3								.7	7.8
E		.4	.5	.1								1.1	7.9
ESE		.1	.1	.1	.1							.5	10.3
SE		.7	.2	1.6	.4							3.5	10.8
SSE	.1	.9	1.7	.5								3.4	7.9
S		1.0	2.7	4.2	.7	.1						9.5	10.7
SSW	.1	.7	2.7	1.1	.4	.4						5.4	11.0
SW		1.9	6.9	2.4	.3							11.4	9.1
WSW	.1	2.7	3.5	2.2	.1	.1						8.7	8.9
W	.1	1.9	1.7	2.0	.8		.1					6.7	10.6
WNW		2.3	2.4	1.1	.1	.3						6.3	9.0
NW	.1	2.0	6.2	2.0	.5							11.9	9.0
NNW		1.6	2.4	1.2	.1	.3	.3					5.9	10.5
VARBL													
CALM												2.6	
	1.1	19.9	39.7	25.4	7.4	3.6	.4					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	AMARILLO MAP TX	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	7.1	5.2	3.2	1.1	.3					14.2	13.9
NNE	.1	.4	1.7	3.5	.5	1.1	.1					7.5	14.1
NE		.3	1.1	.8	.5	.1						2.8	12.2
ENE		.4	.1	.5								1.1	9.8
E		1.1	.3	.4	.5							2.3	10.1
ESE		.1	.5	.1								.8	8.5
SE		.5	.3	1.2	.3							2.3	11.4
SSE		.7	.8	1.2	.3							3.0	10.6
S		1.2	2.8	4.0	1.9							9.9	12.1
SSW	.1	.5	2.2	2.0	.7	.3						5.8	12.3
SW	.1	.9	5.0	2.7	1.7	.1						10.6	11.2
WSW		.8	3.1	2.6	.7	.1						7.3	10.7
W	.1	1.6	1.7	1.7	.7	.1						6.0	10.1
WNW		1.3	3.0	2.0	.5	.4						7.3	11.1
NW	.1	1.5	4.0	3.0	.9	.3						9.8	10.7
NNW		.7	3.0	3.1	.4	.1	.3					7.5	11.9
VARBL													
CALM												1.7	
	.7	13.4	32.7	34.1	12.9	3.8	.7					100.9	11.6

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	2.8	5.0	3.0	1.6	.4					14.5	14.9
NNE	.1	.5	1.3	2.7	2.0	.9	.1					7.7	14.8
NE	.1	.4	.6	1.7		.1						3.2	10.7
ENE		.1	.6	.9	.1							2.0	11.2
E		.5	.5	.7								1.7	9.3
ESE	.1		.7	.5								1.3	9.7
SE		.8	1.2	.3	.3							2.6	8.8
SSE	.3	.7	.6	2.0	.4							4.2	10.7
S	.7	.1	2.4	4.4	2.4	.1						9.8	13.2
SSW	.1	.3	1.9	3.2	1.7	1.1						8.3	14.3
SW		.6	1.3	2.0	1.9	1.3						7.4	15.0
WSW		.1	.5	1.7	1.9	2.0	.1					6.5	16.3
W		.5	1.5	2.7	1.9	.9	.1					7.7	14.7
WNW	.1	.7	1.9	2.3	1.1							6.2	11.5
NW	.3	1.2	2.0	1.9	.3	.7						6.3	10.9
NNW		.3	2.2	4.3	.9	.3						8.3	12.3
VARBL													
CALM												2.4	
	1.5	8.3	22.7	37.5	17.7	9.0	.8					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
ETAC
A TATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
JAN — MONTH

ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.?	2.9	5.6	2.7	1.2						14.[illegible]	13.3
NNE		1.1	2.2	2.8	1.6	.7	.1					[illegible].5	13.4
NE		.?	.9	1.1	.4	.3						?.0	12.5
ENE		.3	1.2	.4								1.9	9.1
E		.7	2.2	.5		.1						3.5	9.3
ESE	.?	.4	.4	.5								1.6	8.[illegible]
SE		.1	.?	1.9	.5							3.4	13.1
SSE		.7	1.2	2.4	.7							[illegible].[illegible]	11.7
S		.8	2.4	4.2	2.7	.?						1[illegible].3	13.2
SSW	.1	.?	1.3	2.7	2.7	.?	.3					9.[illegible]	14.7
SW		.5	1.3	3.9	1.9	.5						?.5	13.9
WSW	.1	.3	.?	2.[illegible]	1.9	1.7	.1					7.1	16.8
W	.1	.7	.9	2.3	1.6	1.1						[illegible].?	14.8
WNW		.4	1.5	1.7	.?							4.6	12.[illegible]
NW	.1	1.1	2.[illegible]	1.3	.7							[illegible].2	10.[illegible]
NNW	.1	.?	1.9	2.2	.7	.3						[illegible].?	11.6
VARBL													
CALM												1.9	
	.9	11.3	[illegible]4.1	35.8	18.4	7.1	.5					10[illegible].0	12.?

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.7	2.7	2.6	1.2	.5						9.7	11.1
NNE		1.3	1.1	1.9	1.1							5.4	11.1
NE	.1	1.7	2.4	2.2	.7							7.1	9.6
ENE	.1	.7	1.2	.4								2.4	7.5
E		1.1	1.3	.5								3.0	7.8
ESE		.5	2.2	1.7	.1							4.6	10.1
SE	.1	1.6	3.5	1.9	.4							7.5	9.4
SSE		.9	3.8	4.7	.8							10.2	11.0
S	.3	1.3	4.2	5.4	2.2							13.3	11.5
SSW		1.7	2.7	.7	.4							5.5	9.0
SW	.1	.9	2.6	2.6	.4							6.9	10.5
WSW		.4	2.3	1.7	.7	.3						5.4	11.7
W		.5	.8	2.2	.8	.1						4.4	12.8
WNW		1.1	1.1	.1								2.3	7.1
NW		1.9	1.2	.3								3.4	6.6
NNW	.2	1.5	1.5	.8								4.0	7.7
VARBL													
CALM												5.0	
	1.1	20.0	34.7	29.6	8.7	.9						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 | AMARILLO MAP TX | 74-81 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

0100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.6	2.8	2.7	.9	.1					9.5	14.1
NNE		.7	2.0	1.7	.8	.3						5.5	12.2
NE		1.2	1.9	.9	.3							4.3	9.3
ENE		1.2	.8									2.0	6.7
E		.3	1.2	.3	.3							2.6	8.7
ESE		.9	1.2	1.1								3.2	9.4
SE		1.6	3.8	1.7	.5							7.7	9.5
SSE	.1	1.5	4.2	4.7	1.2	.1						11.5	10.8
S		2.3	5.4	4.6	1.7	.3						14.2	10.7
SSW		1.7	3.2	3.0	.8							8.7	10.4
SW		1.2	3.8	1.6	.1							6.7	9.2
WSW		.7	2.8	3.1	1.1							7.7	11.7
W		1.1	.9	1.9	1.1	.3						5.2	12.7
WNW		1.2	1.3	.5								3.1	8.0
NW		2.0	.7	.5	.1							3.4	7.4
NNW		1.1	1.7	.5	.3							3.6	8.9
VARBL													
CALM												1.7	
	.3	12.8	36.8	29.0	10.3	1.9	.1					100.2	10.4

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
AT ...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JA (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	3.5	4.6	2.3	1.1	.3	.1				1...4	13.3
NNE	.1	.7	1.5	2.6	1.7	.4	.1					...5	13.2
NE	.0	.5	1.1	1.0	.3	.2						3.2	11.3
ENE	.0	.4	.6	.4	.0							1.4	8.5
E	.0	.8	1.0	.3	.1	.0						2.2	8.9
ESE	.1	.4	.8	.6	.1							1.9	9.4
SE	.0	.9	1.6	1.5	.4							4.3	10.2
SSE	.1	.9	1.8	2.4	.5	.0						5.7	10.6
S	.1	1.6	3.6	4.6	1.8	.1						11.8	11.5
SSW	.1	1.1	2.5	2.1	1.0	.4	.0					7.2	11.8
SW	.1	1.1	4.3	2.4	1.0	.3						9.2	10.9
WSW	.1	1.0	2.5	2.2	.9	.5	.0					7.3	12.0
W	.1	1.2	1.7	1.9	1.1	.4	.1					6.4	12.1
WNW	.1	1.3	2.1	1.2	.4	.1						5.2	9.7
NW	.1	1.6	2.7	1.6	.4	.1						6.5	9.5
NNW	.1	1.0	2.0	1.9	.3	.2	.1					5.5	10.9
VARBL													
CALM												2.4	
	1.0	16.0	33.5	31.2	11.6	3.7	.6	.1				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 5952

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	3.2	2.1	.3	.7	.4					8.1	11.7
NNE		.4	1.3	1.9	.6		.1					4.4	12.7
NE		.3	1.3	1.6	.6	.3						4.1	12.5
ENE		.6	.7	.4								1.8	8.3
E		.6	1.2	1.3								3.1	10.8
ESE		.4	.9	.6	.1							2.1	9.7
SE		.3	.9	1.5	.1	.4						3.2	12.6
SSE		.6	2.4	2.1								5.0	9.6
S		1.9	5.5	6.0	2.4	.3						15.9	11.6
SSW		1.0	4.0	3.4	1.0							9.4	10.7
SW	.1	1.9	7.1	4.7	1.5							15.3	10.3
WSW		.9	3.4	1.3	.6							6.2	10.1
W		.9	1.2	1.8	1.2	.9						5.9	13.6
WNW		.7	2.1	1.2	.4		.1					4.6	10.7
NW		.7	3.1	1.6	.3	.6	.1					6.5	11.4
NNW		.1	1.5	.9	.3	.1	.3	.1				3.4	14.1
VARBL													
CALM												.9	
	.4	12.4	39.7	32.4	9.4	3.4	1.2	.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 678

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	4.0	3.1	1.0	.7	.3	.4				10.3	13.3
NNE			2.4	1.8		.7						4.9	12.5
NE			1.0	1.2	.1	.1						2.5	12.0
ENE		.4	.1									.5	6.3
E		.5		1.2								1.5	10.4
ESE		.3	1.0	.1								1.5	8.0
SE		.3	1.2	.7		.4						2.7	12.2
SSE	.1	.3	1.5	.6								2.5	8.6
S		1.8	3.1	4.6	1.0							10.5	10.9
SSW		1.5	2.9	3.4	.6	.1						8.6	10.3
SW		1.3	6.0	6.2	.3							14.3	10.3
WSW		.7	3.5	4.0	1.6	.1						10.0	12.1
W		1.0	1.3	2.4	1.0	.4						6.2	12.7
WNW		1.3	2.9	.9	1.2	.3	.4					7.1	12.3
NW		1.6	5.6	3.1	.4							10.8	9.7
NNW		.6	1.6	1.0	.7			.1				4.1	12.2
VARBL													
CALM												1.3	
	.1	13.4	38.3	34.2	8.1	3.1	.7	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 676

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	74-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	2.9	3.2	1.9	1.0	.9	.1				11.3	14.5
NNE		.3	1.6	2.1	.4	.1	.1					4.7	12.1
NE		.1	1.0	.6	.1							1.9	11.0
ENE		.4	.3	.3	.3							1.3	10.7
E		.3	.1	.3								.7	9.6
ESE			.3	.1								.4	9.3
SE		.3	1.3	.6	.1	.1						2.5	10.7
SSE	.1	.1	1.3	1.2	.1							2.9	10.3
S		.6	3.1	2.8	.3							6.8	10.0
SSW	.1	.5	4.7	3.1	.3							8.8	10.2
SW	.1	1.0	7.7	4.7	.1							13.7	9.5
WSW		.6	3.8	2.2	1.2	.1						7.8	11.5
W		2.1	2.9	2.2	.6	.7						8.5	10.5
WNW		1.0	2.9	.7	1.2	.6						6.5	11.9
NW	.3	1.5	8.3	3.5								13.6	9.2
NNW	.1	.7	3.2	2.2	.3							6.6	9.8
VARBL													
CALM												1.2	
	.9	11.1	45.9	29.9	7.1	2.8	1.0	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — AMARILLO MAP TX — 74-81 — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0900-1100
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	4.1	4.6	2.3	2.2	.6					15.1	14.5
NNE		.3	1.6	2.2	1.2	.6	.4					6.3	15.2
NE		.4	1.2	1.0	.7							3.4	12.0
ENE		.1	.3	.4	.7							1.6	14.2
E	.1	.4	1.3	.6								2.5	8.4
ESE		.1	.7	.1								1.0	9.1
SE			.6	.6	.4	.1						1.8	13.9
SSE		.1	.9	1.5	.1							2.7	11.3
S		.3	.8	2.7	1.2	.1						5.2	13.2
SSW		.3	1.3	4.1	1.3	.4						7.5	13.8
SW	.1	.5	2.7	3.7	1.5	.3						8.9	12.3
WSW		.7	1.6	4.7	1.5	1.0						9.7	13.9
W		.2	1.3	2.4	1.2	1.6						7.4	14.9
WNW		1.2	2.5	2.5	.7	.6						7.5	11.7
NW	.1	.9	4.4	4.5	.7	.6	.1					10.9	11.2
NNW		1.2	2.1	4.0	.4		.1					7.8	11.6
VARBL													
CALM												.3	
	.4	8.8	27.7	39.1	14.6	7.7	1.3					100.6	13.0

TOTAL NUMBER OF OBSERVATIONS 670

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...SETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47 (STATION) ...AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	2.7	6.0	4.6	2.4	.4	.1				17.3	15.7
NNE			1.9	2.4	2.4	.3	.1					6.9	13.1
NE			.6	1.2	.4							2.2	13.1
ENE		.4	1.2	1.0	.3							2.9	10.5
E		.1	.9	.7	.3							2.1	11.4
ESE		.3	.7	.9	.1							2.1	9.9
SE		.5	.9	.9	.4							2.6	11.3
SSE		.4	.6	1.0	.1							2.2	10.3
S		.4	1.9	4.0	2.2							8.6	13.4
SSW			.7	2.9	3.2	1.0	.3					8.3	17.2
SW	.3	.1	.7	3.5	3.1	.7						8.6	15.2
WSW		.4	1.3	1.9	1.5	1.0						6.2	14.9
W		.3	1.0	1.3	2.1	1.5	1.0	.1				7.4	18.6
WNW		.4	1.6	2.9	.9	1.0	.4					7.4	14.6
NW	.1	.4	2.7	3.7	1.0	1.0						9.0	13.4
NNW		.4	1.9	2.1	.7	.7						5.9	13.2
VARBL													
CALM												.3	
	.4	5.6	21.2	36.6	23.5	9.7	2.4	.3				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 AMARILLO MAP TX 74-61 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.?	2.2	3.4	2.3	1.9	.3					11.3	15.4
NNE		.?	.7	2.7	3.1	.3						7.1	15.4
NE	.3	.4	.7	2.1	.3							4.?	10.6
ENE		.3	1.3	.7								2.4	9.6
E		.?	1.6	.7	.1							2.8	9.3
ESE		1.2	.6	1.5								3.2	9.8
SE		.7	.6	2.1	.3							3.7	11.3
SSE		.3	.9	.7	.6	.1						2.7	12.7
S	.1		1.6	3.2	4.4	1.2						10.6	15.9
SSW		.3	1.5	3.1	1.?	1.3						7.2	14.6
SW	.1	.3	1.6	4.0	2.8	.9		.1				9.9	15.0
WSW			.7	1.3	1.3	1.2	.3					4.9	17.6
W	.2	1.?	1.5	1.6	2.1	.6	.7	.1				8.?	15.2
WNW		1.6	2.1	2.1	1.6	.3	.1	.3				8.1	12.8
NW		.6	3.0	2.5	.7	.3						7.1	11.5
NNW	.1	1.0	.7	1.6	1.2	.6	.4					5.8	14.7
VARBL													
CALM												.7	
	1.?	9.7	21.4	33.4	22.5	8.7	1.9	.6				100.?	13.9

TOTAL NUMBER OF OBSERVATIONS 677

...AL CLIMATOLOGY BRANCH
...SETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1300-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	1.9	2.9	2.4	.6						9.4	12.6
NNE		.9	2.5	2.4	1.2	.5						7.1	12.8
NE		1.3	1.5	1.9	.4							5.2	10.6
ENE		1.2	2.2	1.3								4.7	8.6
E		.7	2.6	1.6								5.2	9.5
ESE		.7	2.1	.9								3.7	9.8
SE		1.3	2.2	1.6	1.3							6.5	10.9
SSE		.4	2.5	1.8	.6							5.3	10.5
S		1.2	4.0	4.6	4.3	.1						16.2	12.6
SSW	.1	.3	4.1	2.8	.9							8.3	10.6
SW		.4	3.5	1.5	.4							5.9	10.1
WSW		.4	1.2	1.2	.6		.1					3.5	12.1
W	.1	.1	2.7	2.2	.7	.4	.3					6.5	13.0
WNW		1.0	1.8	.9	.1			.1				4.3	10.7
NW		.4	1.2	.9	.3	.1	.1					3.1	11.4
NNW		.2	.1	.4	.7	.3	.1					2.7	13.8
VARBL													
CALM												1.7	
	.2	13.1	38.3	25.9	14.9	2.2	.7	.1				100.2	11.2

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
... SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 — AMARILLO MAP TX — 74-81 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0100-2300
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	3.2	2.9	.7	.2	.1					[illegible]	12.6
NNE		.5	1.0	1.5	1.9	.1						[illegible]	13.5
NE		.9	1.0	1.0	.1							[illegible]	[illegible]
ENE		.7	2.2	1.2	.1							4.3	[illegible]
E	.1	.4	2.8	.9								4.2	[illegible]
ESE		.9	2.1	1.0								4.0	[illegible]
SE		.3	2.8	2.1	.1	.4	.1					5.9	11.3
SSE		.7	4.6	4.7	.9							10.9	11.0
S	.1	.9	7.8	5.3	2.0	.3						17.4	11.5
SW		1.3	5.9	2.1	1.3							10.6	10.3
SW		1.1	2.8	1.3	.6							5.8	[illegible]
WSW	.1	.5	2.4	.9	.4	.1						4.5	[illegible]
W	.1	.6	.6	2.2	1.0	.6	.1	.1				[illegible]	14.9
WNW		.9	.1	.7	.3							[illegible]	[illegible]
NW	.1	1.0	1.8	.9	1.0	.3						[illegible]	[illegible]
NNW		.6	.9	.6	.6		.2					[illegible]	[illegible]
VARBL													
CALM												.4	
	.7	12.1	42.0	29.4	12.2	2.2	.7	.1				[illegible]	11.2

TOTAL NUMBER OF OBSERVATIONS 672

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L ... CLIMATOLOGY BRANCH
... FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47	AMARILLO MAP TX	74-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	1.1	3.0	3.9	2.1	1.2	.4	.1				11.8	14.1
NNE		.4	1.6	2.1	1.4	.4	.1					6.0	13.9
NE	.0	.5	1.1	1.3	.4	.1						3.3	11.7
ENE		.5	1.1	.7	.2							2.5	9.0
E	.2	.4	1.3	.9	.1							2.8	9.6
ESE		.5	1.1	.7	.0							2.2	9.2
SE		.5	1.3	1.3	.4	.2	.0					3.6	11.5
SSE	.0	.4	1.8	1.7	.3	.0						4.3	10.7
S	.2	.9	3.7	4.1	2.3	.3						11.4	12.4
SSW	.0	.7	3.2	3.1	1.2	.4	.0					8.6	12.1
SW	.1	.9	4.0	3.7	1.3	.2		.0				10.3	11.4
WSW	.0	.6	2.3	2.2	1.1	.5	.1					6.6	12.8
W	.1	.9	1.6	2.0	1.2	.8	.3	.1				6.9	14.2
WNW		1.0	2.0	1.5	.8	.4	.1	.1				5.9	12.1
NW	.1	.2	3.7	2.5	.6	.4	.1					9.3	11.1
NNW	.0	.7	1.5	1.6	.6	.2	.2	.0				4.9	12.5
VARBL													
CALM												.8	
	.6	10.9	34.3	33.0	14.0	5.0	1.3	.3				100.2	12.1

TOTAL NUMBER OF OBSERVATIONS 5423

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.5	1.1	2.4	3.1	.9	.7					9.1	15.3
NNE		.4	1.2	1.3	.7	.9	.1					4.6	14.6
NE	.1	.1	1.1	.7	.5	.1						2.7	11.8
ENE		.1	.7	.4								1.2	9.4
E		.3	1.3		.1							1.7	9.1
ESE	.1	.3	.7	.9	.3							2.3	10.6
SE		.4	2.6	1.6	.3	.4						5.4	11.4
SSE		.7	3.4	3.1	2.6							9.7	12.4
S		.5	4.2	8.2	3.1	1.9	.8					18.5	14.1
SSW		.5	2.7	3.0	1.6	.1						7.9	12.5
SW		1.9	5.5	4.4	1.7							13.6	10.9
WSW		.5	2.6	2.3	.5	.4						6.3	11.9
W		.1	1.3	.7	.5	.9	.4					4.0	13.4
WNW			1.9	.4	1.1	.5						3.9	13.8
NW		.5	.8	1.9	.5	.1						3.9	12.6
NNW		.6	.7	.5	.9			.4				3.1	15.7
VARBL													
CALM												1.6	
	.3	3.6	31.6	31.9	17.7	6.5	1.6	.4				100.2	12.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.9	3.0	4.6	3.4	1.6	.4					14.1	14.5
NNE	.3	.4	.4	.9	.7	.1						2.8	12.9
NE	.1	.4	.8	.7	.3							2.3	10.3
ENE	.1	.3	.3	.5								1.2	8.7
E		.1	.8	.5								1.5	9.6
ESE		.7	.4	.3								1.3	7.3
SE		.4	1.6	1.2	.9	.7						4.3	12.2
SSE			1.5	2.4	1.3							5.2	13.5
S		.7	3.6	9.3	2.3	.5						18.5	12.9
SSW		.7	3.6	4.2	.5	.3						9.3	11.3
SW		1.1	4.6	4.4	1.2	.1						11.4	11.3
WSW		.7	1.9	4.3	.5	.7						8.1	12.6
W		1.5	1.3	1.7	.4	.5	.1					6.2	12.6
WNW		1.1	2.4	1.1	.5							5.1	9.9
NW		1.1	2.0	2.4	.4	.4						6.3	11.1
NNW		.9	1.1	.5	.5	.8						3.9	13.2
VARBL													
CALM												1.5	
	.8	10.9	29.3	38.2	13.4	5.4	.5					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM AIR 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 74-81 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	2.4	4.0	3.4	.8	.3	.1				11.3	14.0
NNE		.7	.4	1.1	1.2	.3						3.9	14.1
NE		.4	.7	.3	.1							1.5	9.4
ENE		.5	.1	.3	.1	.1						1.2	11.2
E		.3	.5	.4								1.7	7.8
ESE		.1	.4	.3								.8	9.5
SE		.1	.7	1.2	1.1							3.1	13.7
SSE		.1	1.2	3.6	1.2	.1						6.3	13.1
S		.8	2.8	7.1	1.6	.1						12.5	12.3
SSW		1.1	2.8	3.4	.5							7.8	10.7
SW		1.3	5.6	5.5	.7							13.2	10.5
WSW		1.6	1.6	3.9	1.2	.3						8.6	12.0
W		1.2	2.6	1.7	.7	.7	.1					7.7	11.3
WNW		1.2	2.3	1.3	.5							5.4	9.7
NW	.1	1.3	2.8	2.7	.5	.1						7.7	10.2
NNW	.1	.7	2.6	1.6	.1	.7	.3	.1				6.5	12.3
VARBL													
CALM												.7	
	.3	13.8	29.6	36.4	13.0	3.2	.7	.3				100.3	11.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
MAR — MONTH

ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	1.7	4.6	5.4	2.4	.3					16.7	16.6
NNE		.3	.5	2.2	1.3	.3						4.6	14.5
NE		.5		.7	.1							1.3	10.5
ENE		.3	.3	.3	.3							1.1	11.3
E	.1	.1	.7	.3	.3							1.5	10.5
ESE			.5	.5	.1							1.2	11.3
SE	.1	.3	.5	.9	1.5	.7						3.5	14.4
SSE		.5	.8	1.0	2.7	.8						5.7	15.3
S	.1	.8	1.1	4.7	2.2	.8						9.7	14.2
SSW		.1	1.2	2.2	2.7	1.2	.1					7.5	16.4
SW		.1	1.6	2.8	3.2	1.3						9.1	16.0
WSW		.3	1.1	2.4	2.6	1.5	.5					8.3	17.3
W		.3	1.3	2.4	1.5	.9	1.1					7.5	17.1
WNW		.1	1.3	2.8	.8	1.2	.7	.1				7.1	17.1
NW		.4	2.2	4.6	.8	.5	.1					8.6	13.2
NNW		.3	1.1	2.8	.5	.1	.3	.1		.1		5.4	15.3
VARBL													
CALM													
	.4	4.7	16.0	34.0	25.9	11.4	3.1	.3		.1		100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 74-81 MAR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.7	4.3	4.0	2.6	.1					12.3	10.6
NNE		.3	.8	2.3	1.2	.4						5.0	14.4
NE		.4	.5	1.3	.4							2.7	12.0
ENE	.1	.1	.7	.5								1.5	9.3
E		.3	.4	.9	.1							1.7	11.7
ESE	.1	.3	.5	.4	.1							1.5	9.3
SE		.5	.5	.9	.0	.3						3.2	14.3
SSE		.7	.9	1.6	1.6	.8	.1					5.6	14.9
S		.4	.8	3.5	3.2	2.4	.1					10.5	17.4
SSW		.5	1.1	2.6	3.1	2.6	.4					10.2	17.7
SW		.1	.5	2.8	3.0	.5	.1					7.1	16.6
WSW		.1	.4	1.2	1.9	2.6	1.2	.1				7.5	21.2
W		.3	.7	2.3	1.5	1.6	2.7	.3				8.6	20.5
WNW		.3	.9	1.2	1.1	.9	.5	.4				5.4	15.4
NW			2.2	4.4	.3	.8	.3					7.9	14.5
NNW		.5	2.7	1.9	.7	1.3	.3	.1	.1	.1		7.8	15.6
VARBL													
CALM												.3	
	.3	5.4	15.5	32.3	23.1	16.8	5.2	.9	.1	.1		100.0	16.6

TOTAL NUMBER OF OBSERVATIONS 744

L AL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.5	3.9	2.8	1.5						10.1	15.6
NNE		.7	.8	1.9	1.2	.5	.1					5.2	14.3
NE		.3	1.5	2.0	.3			.1				4.2	12.1
ENE		.7	.9	.7								2.3	9.0
E	.1	.7	1.1	.4	.3							2.6	9.1
ESE	.1	.5	1.3	.7	.1	.1						3.0	9.9
SE		.3	.5	1.1	.8	.8						4.0	14.6
SSE		.1	1.2	1.3	1.2	.4	.3					4.6	15.4
S		.5	1.7	3.0	3.1	4.6	.4					13.3	17.9
SSW		.3	.7	1.6	2.2	1.3	.4					6.5	17.3
SW		.4	.7	2.3	3.9	1.9	.1	.1				9.4	17.8
WSW		.1	.4	1.2	1.9	3.0	.8					7.4	20.4
W		.4	1.1	1.5	2.2	2.3	2.2	.8				10.3	21.4
WNW		.7	1.3	1.3	.3	.4	.8					4.8	15.2
NW		.5	1.9	1.5	.4	.4	.8	.4				5.9	16.1
NNW		.7	.8	1.7	.7	.9	.3	.1	.3	.1		5.6	18.3
VARBL													
CALM												.8	
	.3	7.8	17.5	26.1	21.2	18.1	6.2	1.6	.3	.1		100.0	16.5

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]SAFETAC
A[illegible] FAT[illegible] SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 74-81 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.5	1.1	3.0	2.2	.4	.1					.3	13.4
NNE	.1	.4	1.2	2.2	.9	.8						.6	13.8
NE		.9	1.7	1.5	.3	.1						4.6	10.4
ENE		.3	3.1	1.6	.1							5.1	10.1
E		1.2	2.3	.9	.3							4.7	9.1
ESE		1.1	2.3	1.2	.3	.4						5.2	10.3
SE		.7	2.3	2.7	1.5	.1	.3					7.3	12.9
SSE		.4	2.7	3.6	1.3	.5	.1					8.7	13.9
S		.5	2.3	5.6	4.3	1.6	.3	.1				14.8	15.8
SSW		.1	1.6	2.2	1.1	.9						5.9	14.3
SW		.4	2.0	2.3	2.4	.1	.1					7.4	14.0
WSW		.3	1.5	1.3	.8	.4						4.3	13.3
W		.1	.3	1.2	1.2	1.9	.8	.1				5.6	20.5
WNW		.5	.5	.8	.3	.8	.4					3.4	16.3
NW		.7	.5	.5	.1	.3	.1	.1				2.4	13.9
NNW	.1	.3	.7	.3	.1	.4	1.5	.3	.1			4.3	20.4
VARBL													
CALM												1.7	
	.4	10.2	26.1	37.9	17.2	8.9	3.8	.7	.1			100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2[illegible]47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
MAY — MONTH

ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.2	1.2	1.7	1.3	.5	.3				7.3	17.1
NNE		.2	.9	1.6	1.2	.3						4.8	12.6
NE		.7	.9	1.9	.4	.3						4.2	12.2
ENE		.9	2.0	.5	.1							3.6	[illegible].9
E		.4	.8	1.2								2.4	10.2
ESE	.3	.3	1.9	1.2	.3							3.9	[illegible].5
SE		.1	4.3	3.9	1.5	.7	.1					10.6	12.9
SSE		.5	5.1	5.0	2.2	.5	.3					13.6	12.6
S		1.1	3.2	4.4	3.8	2.2	.1					14.8	14.5
SSW		.5	2.6	3.0	1.2	.4						7.9	12.3
SW		.7	2.4	3.4	.3	.3						7.0	11.5
WSW		.7	2.0	1.3	.1	.4	.1					4.7	12.0
W	.3	.4	1.1	1.1	1.7	.8	.3					5.6	15.2
WNW	.1	.1	.9	.9	1.3	.3						3.6	14.3
NW		.1	.8	.7		.4						2.0	12.6
NNW		.3	.1	.4	.7	.3	.7	.1				2.6	21.1
VARBL													
CALM												1.2	
	.8	6.7	30.4	31.7	16.5	8.1	2.2	.4				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 744

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2[illegible]47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) [illegible]A (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.7	3.7	3.2	1.4	.3	.1				11.4	15.5
NNE	.1	.5	.8	1.7	1.1	.5	.0					4.8	13.9
NE	.0	.3	.9	1.1	.3	.1		.0				2.9	11.3
ENE	.0	.4	1.0	.6	.1	.0						2.2	9.6
E	.0	.5	1.0	.6	.1							2.2	9.5
ESE	.1	.4	1.0	.7	.2	.1						2.4	9.9
SE	.0	.5	1.6	1.7	1.0	.4	.1					5.2	13.1
SSE		.4	2.1	2.8	1.8	.4	.1					7.6	13.6
S	.0	.7	2.5	3.6	2.9	1.6	.2	.0				13.7	14.8
SSW		.5	2.0	2.7	1.6	.9	.1					7.9	14.1
SW		.9	2.9	3.5	2.0	.5	.1	.0				9.9	13.2
WSW		.5	1.4	2.3	1.2	1.1	.3	.0				6.9	15.3
W	.0	.6	1.2	1.6	1.3	1.2	.9	.2				7.0	17.2
WNW	.0	.3	1.5	1.2	.7	.5	.3	.1				4.6	14.4
NW	.0	.4	1.5	2.3	.4	.4	.2	.1				5.6	13.5
NNW	.0	.5	1.2	1.2	.5	.6	.4	.2	.1	.1		4.9	15.1
VARBL													
CALM												1.0	
	.4	3.8	24.5	33.4	18.5	9.8	2.9	.6	.1	.1		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 | AMARILLO MAP TX | 74-81 | APR
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.5	2.1	1.5	.7	.4					7.9	13.2
NNE		.7	.4	1.2	.3	.3						3.1	14.5
NE		.3	.8	1.0	.1							2.2	10.9
ENE	.1	.6	1.0	.3								1.9	9.3
E		.4	1.7	1.0	.4							3.6	10.4
ESE		.3	1.5	1.0	.4							3.2	11.4
SE		.7	3.6	2.9	.5	.6	.1					8.1	12.3
SSE		.4	3.7	4.9	1.7	.4						11.1	12.5
S		1.5	3.2	9.2	7.9	1.2	.3					23.6	15.1
SSW		1.0	2.8	4.2	1.5	.4						9.9	12.9
SW		1.0	1.9	2.9	.7	.1						6.7	11.6
WSW		.4	2.1	.4	.7	.1						3.7	11.2
W		.8	1.2	1.1	1.1	.8	.3					5.4	14.7
WNW	.1	.4	1.8	1.1	.3							3.7	10.2
NW		.1	1.4	1.1		.4	.1					3.2	12.7
NNW	.1	.7	.3	1.0	.1							2.2	10.5
VARBL													
CALM												1.4	
	.4	9.6	29.0	35.3	17.9	5.1	1.2					100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 AMARILLO MAP TX 74-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1300-0500
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	2.5	2.8	1.3	.7						7.6	13.2
NNE		.9	.7	1.0	.4	.3						3.2	12.1
NE		.4	.7	.3	.1	.1						1.7	9.0
ENE		.1	.7		.1							1.0	6.7
E		.3	1.0	1.7								2.9	10.7
ESE		.3	1.1	.6	.4							2.4	11.1
SE		.7	2.4	1.2	.7							5.0	11.6
SSE		.7	2.4	2.9	.4	.3						6.7	11.6
S		1.1	4.7	8.7	3.9	.6						19.3	13.2
SSW	.1	.4	1.9	5.4	2.8							10.7	13.5
SW		1.0	4.2	6.1	1.7	.1						13.1	12.2
WSW		.6	1.8	1.1	.3	.3						4.3	11.5
W	.1	1.1	1.5	1.2	1.4	.4						5.8	12.3
WNW		1.1	1.7	.1	.6	.1						3.6	9.7
NW		.3	2.9	2.2	.4							5.8	12.6
NNW		1.2	1.1	1.7	.3		.1					4.2	10.9
VARBL													
CALM												2.1	
	.3	10.7	31.2	37.1	15.3	3.2	.1					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 726

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
MIDLAND MAP TX — STATION NAME
74-81 — YEARS
APR — MONTH

ALL WEATHER — CLASS
0500-0800 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	.6	4.2	2.6	.6						9.4	14.2
NNE		.4	.4	1.1	.5	.3						2.7	14.3
NE		.6	.6	.4	.7	.1						2.4	12.5
ENE		.1	.7	.3								1.1	9.3
E		.6	1.7	1.1	.1							3.5	10.0
ESE	.1	.8	.7	1.1								2.7	9.7
SE		.4	1.4	1.7	.7	.3						4.4	12.2
SSE		.7	1.1	2.2	1.3	.3						5.7	12.7
S		1.1	3.9	7.8	2.5							15.3	12.8
SSW		1.2	3.2	3.6	1.5	.3						9.9	11.3
SW		1.2	4.2	4.3	1.7	.6						11.8	12.1
WSW	.1	.7	2.1	3.3	1.1							7.4	11.6
W	.3	1.5	2.2	1.1	.7	.1						6.0	10.2
WNW		1.5	2.2	1.4	.4	.3	.1					6.1	10.4
NW	.1	.6	2.6	2.6	.3	.1						6.4	10.7
NNW		.6	1.8	1.9	.1	.3						4.7	11.2
VARBL													
CALM												1.0	
	1.0	13.1	29.4	38.2	14.2	3.2	.1					100.2	11.7

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 (STATION) ...MARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	1.7	4.7	3.9	1.5						11.9	15.9
NNE		.1	.9	1.0	1.2	.7						3.9	15.7
NE		.3	1.4	1.2	.3	.8						4.0	13.5
ENE		.1	.6	.8	.3	.3						2.1	13.0
E		.3	1.7	.6								2.5	9.6
ESE		.3	.7	1.1	.3							2.4	11.6
SE		.7	.7	1.7	.4							3.5	12.2
SSE		.3	1.0	1.9	1.4	.3						4.9	13.7
S	.4	.6	1.1	4.3	4.9	2.6	.1	.1				14.2	16.5
SSW	.1	.6	1.4	3.6	3.0	2.4						11.9	16.5
SW		.1	.9	6.1	1.9	1.1	.1					10.3	15.3
WSW			.6	2.6	2.2	.8	.3	.1				6.9	17.2
W		.4	.7	1.7	1.8	.8						5.4	15.5
WNW		.1	1.2	2.2	.6	1.1						5.3	14.9
NW		.6	1.8	2.1	.4	.3	.1					5.3	12.2
NNW		.3	1.1	2.2	1.1	.6						5.3	14.1
VARBL													
CALM												.3	
	.6	4.9	17.5	37.9	24.6	13.3	.7	.3				100.4	15.4

TOTAL NUMBER OF OBSERVATIONS 725

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L BAL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.7	2.8	2.1	1.2	.1					8.6	15.2
NNE		.4	.7	.6	1.1	1.2						4.0	16.9
NE		.3	.4	1.1	1.2							3.1	14.5
ENE		.1	.6	1.2	.4	.1						2.5	13.8
E		1.0	1.5	.6	.4	.1						3.6	9.7
ESE		.2	1.7	1.0	.4	.1						3.5	11.7
SE		.5	.6	1.0	.7							3.1	11.1
SSE		.4	.7	2.8	1.9	1.4						7.2	16.1
S		.6	1.4	6.5	6.1	3.9	.1	.1				18.7	17.4
SSW			1.1	2.6	3.1	.4	.1					7.4	16.1
SW		.5	1.2	3.9	2.6	1.7	.6					10.6	16.7
WSW			1.1	3.5	1.8	.1	.4	.3				8.2	17.3
W			.7	1.9	1.4	1.1	.8	.1				6.1	16.6
WNW			1.0	1.5	.7	.8						4.0	15.3
NW		.4	1.8	1.7	.3	.3						4.4	12.3
NNW	.1	.3	1.0	1.7	.4	1.2						4.7	15.7
VARBL													
CALM												.3	
	.1	5.8	17.1	34.3	24.7	13.9	3.2	.6				100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 723

AL CLIMATOLOGY BRANCH
FLTAC
AT FATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 AMARILLO MAP TX 74-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.0	4.2	1.5	1.9	.3					9.3	16.4
NNE	.1	.1	1.4	1.9	1.2	.7						5.1	13.0
NE		.3	.7	.7	.7	.3						2.6	13.9
ENE			.7	1.5	.3	.1						2.6	13.5
E	.1	.1	1.0	1.5	.3	.3						3.3	13.3
ESE		.4	1.2	1.1	.6							3.3	11.9
SE			.6	1.9	.8	.6	.1					4.0	15.9
SSE		.3	.4	1.5	2.9	1.2						6.4	17.3
S		.1	1.9	6.1	7.1	4.7	.6					20.1	18.2
SSW		.1	1.0	3.3	1.8	1.0	.4					7.6	16.4
SW		.4	1.4	2.9	3.1	2.4	.7					10.9	17.4
WSW			1.0	3.9	1.7	1.5	.8	.4				9.3	16.4
W	.1	.6	.6	2.9	.7	.8	1.0	.1				6.7	17.4
WNW		.6	.4	.8	.1	.7						2.6	14.2
NW		.3	.6	1.7	.7			.1				3.3	13.7
NNW		.2	.4	.8	.3	.3						2.6	12.2
VARBL													
CALM													
	.4	4.6	13.7	38.8	23.7	16.1	3.9	.7				100.0	16.3

TOTAL NUMBER OF OBSERVATIONS 735

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-0600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.3	3.1	1.2	1.2						7.9	14.4
NNE		.4	1.4	1.4	1.2	.4						4.9	13.7
NE		.4	1.1	1.5	.6							3.6	11.7
ENE		.7	1.2	1.1	.1							3.2	10.3
E		.6	2.6	2.9								6.1	10.5
ESE	.1	.4	1.5	2.2	.6	.1						5.0	11.4
SE		.3	1.8	3.2	1.1	.4	.3					7.1	13.7
SSE		.7	2.2	3.5	4.0	1.2						11.7	15.3
S	.1	.6	3.6	7.4	6.1	3.5						21.2	15.5
SSW		.1	1.5	2.2	.6	.3						4.7	12.7
SW		.1	2.1	2.2	1.5	.6		.1				6.7	14.3
WSW		.3	1.7	2.4	.7	.4	.4					5.9	14.0
W		.4	.8	1.5	1.1	1.3	.3	.1				5.3	16.8
WNW		.4	.4	.4	.4	.6						2.2	14.8
NW		.7	1.0	.3	.1							2.1	8.9
NNW	.1	.4	.8	.1	.1	.4	.1					2.2	12.1
VARBL													
CALM												.7	
	.4	7.5	24.9	35.4	19.6	10.1	1.1	.3				100.0	13.8

TOTAL NUMBER OF OBSERVATIONS 720

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2[illegible]47 — AMARILLO MAP TX — 74-81 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 2100-2300

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	2.1	2.6	1.2	.6						7.6	12.7
NNE		.6	1.5	1.5	.3	.3	.1					4.3	12.3
NE	.1	.8	1.1	.8								2.9	8.8
ENE		.7	1.8	.6	.3							3.3	9.0
E		.3	2.2	2.4	.3							5.1	10.9
ESE		.6	2.6	1.4	.[illegible]							5.4	10.8
SE		1.0	3.[illegible]	5.6	1.7	.4						12.5	12.3
SSE		.8	3.6	6.5	2.4	1.1						14.4	13.5
S		.8	4.0	7.8	8.1	2.8	.1					21.7	15.3
SSW			1.5	2.1	.7	.1						4.4	12.7
SW		.4	2.6	1.8	.1							5.0	9.5
WSW		.1	1.4	.7	.4	.1	.1					2.9	10.8
W			.8	1.2	1.0		.1					3.2	14.6
WNW	.1	.4	.8	.4	.7							2.5	11.2
NW	.1	.1	.4	.6								1.2	10.4
NNW		.4	.7	.7	.4	.1		.1				2.5	13.4
VARBL													
CALM												.3	
	.5	8.1	31.2	36.7	16.4	5.6	.6	.1				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 72[illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]SFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2[illegible]47 (STATION) AMARILLO M[illegible]P TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.[illegible]	1.5	3.3	2.0	1.1	.1					[illegible].9	14.5
NNE	.[illegible]	.4	.[illegible]	1.2	.9	.[illegible]	.0					3.[illegible]	14.6
NE	.5	.4	.[illegible]	.[illegible]	.[illegible]	.2						[illegible].8	12.1
ENE	.[illegible]	.3	.9	.7	.2	.1						2.2	1[illegible].[illegible]
E	.[illegible]	.4	1.7	1.5	.[illegible]	.1						3.8	1[illegible].7
ESE	.[illegible]	.4	1.4	1.2	.4	.[illegible]						3.5	11.1
SE		.[illegible]	1.[illegible]	2.4	.[illegible]	.[illegible]	.1					[illegible].0	12.5
SSE		.[illegible]	1.9	[illegible].3	2.[illegible]	.[illegible]						3.[illegible]	14.1
S	.1	.7	2.9	7.2	5.6	2.4	.2	.[illegible]				19.2	15.[illegible]
SSW	.[illegible]	.4	1.[illegible]	[illegible].4	2.[illegible]	.6	.1					8.3	14.2
SW		.6	2.3	3.8	1.7	.8	.2	.[illegible]				9.4	14.[illegible]
WSW	.[illegible]	.3	1.5	[illegible].2	1.1	.4	.4	.1				6.[illegible]	15.1
W	.1	.6	1.1	1.6	1.1	.6	.3	.1				5.5	15.1
WNW	.[illegible]	.6	1.2	1.[illegible]	.5	.5	.[illegible]					3.7	12.[illegible]
NW	.[illegible]	.4	1.6	1.5	.3	.1	.[illegible]	.[illegible]				4.[illegible]	11.5
NNW	.1	.6	.9	1.3	.4	.4	.[illegible]	.[illegible]				3.6	12.7
VARBL													
CALM												.8	
	.5	8.[illegible]	24.3	36.5	19.5	8.8	1.4	.2				[illegible]0.[illegible]	13.7

TOTAL NUMBER OF OBSERVATIONS 5760

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
USETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.5	2.4	1.2	.7	.3					6.6	14.3
NNE		.6	1.6	1.6	.7	.5						5.2	12.3
NE	.1	.7	.9	1.2	.1	.1						3.2	10.0
ENE		.9	1.2	.4	.1							2.7	6.6
E		.5	3.1	1.2	.4							5.2	9.8
ESE		.4	2.3	1.2	.5							4.4	10.8
SE		.7	3.8	3.6	1.5	.5						10.1	12.2
SSE		.4	5.0	6.2	1.6		.1					13.3	11.9
S		1.9	6.2	9.4	3.6	1.7	.3					23.1	13.2
SSW	.1	1.1	2.6	2.7	.9	.4						7.8	11.6
SW		.4	2.2	2.4	.4							5.4	11.2
WSW		1.1	1.3	.9								3.4	8.7
W		.3	.9	.1	.1	.1						1.6	10.4
WNW		.5	1.1	.3								1.9	7.9
NW		.7	1.9	.8		.1						3.5	9.2
NNW		.7	.7	.5								1.9	6.9
VARBL													
CALM												.7	
	.3	11.6	36.2	35.1	11.3	4.3	.7					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
AI[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	3.2	3.1	1.6	.3						9.8	11.4
NNE		.7	1.2	1.7	.7	.3						4.6	11.6
NE		.4	.5	1.2	.1	.3						2.6	12.3
ENE		.5	.7	.5								1.7	9.3
E	.1	.3	1.6	.7	.3							3.5	9.3
ESE		.3	.5	1.1								1.9	9.7
SE	.1	.5	2.0	2.6	.4	.1						5.8	11.4
SSE		.4	3.1	5.1	.4							9.0	11.5
S		1.1	3.4	9.5	1.9	.5						18.4	12.3
SSW		.7	3.0	5.8	1.1	.4						10.9	12.1
SW	.1	1.1	4.2	5.2	.3	.1						11.0	10.8
WSW		.7	1.7	1.6	.3							4.3	10.3
W	.1	1.3	2.2	1.3	.1	.1						5.2	9.2
WNW		.7	2.0	.1	.3							3.1	8.6
NW		1.3	2.7	1.6	.1							5.8	9.4
NNW		.7	.7	.4	.3							2.0	9.9
VARBL													
CALM												.4	
	.5	12.3	34.7	41.7	7.8	2.2						100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...SFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 (STATION) AMARILLO MAP TX (STATION NAME) 74-61 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	3.2	5.2	1.9	.4						12.6	12.0
NNE		.4	1.2	2.8	.9							4.8	12.4
NE		.4	1.1	.8	.1	.7						3.1	13.9
ENE		.4	.1	.5		.1						1.2	10.8
E		.3	.5	1.3		.1						2.3	11.6
ESE		.4	1.5	.3		.1						2.3	9.2
SE	.1	.1	2.2	2.0	.7							5.1	11.4
SSE	.1	.4	.9	3.4	1.1	.3						6.2	13.2
S		.7	3.2	9.5	2.3	.4						16.1	13.2
SSW		.4	2.4	5.2	1.3							9.4	12.5
SW	.1	1.2	4.7	5.4	1.2	.1						12.8	11.1
WSW		.9	.9	2.7		.1						4.7	10.7
W		.3	1.6	1.5	.1							3.5	10.7
WNW		1.1	1.3	.7	.1	.3						3.5	9.9
NW	.1	1.3	3.9	1.7	.3							7.4	9.3
NNW		.5	1.9	1.3	.5	.3						4.6	11.7
VARBL													
CALM												.7	
	.5	10.8	30.8	43.7	10.6	3.0						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	2.8	5.6	2.4	.3						11.7	13.3
NNE		.9	1.6	2.7	1.5	.7	.1					7.5	13.5
NE		.7	.7	1.3	1.1	.4						4.2	13.4
ENE		.3	.4	.7	.4	.1	.1					2.0	14.1
E		1.1	.7	1.5	.1							3.4	9.3
ESE		.4	.7	1.3								2.4	11.3
SE			.5	2.3	.5							3.4	13.2
SSE			.5	3.4	1.3	.9						6.2	15.5
S		.5	.9	5.0	5.5	1.6						13.6	16.3
SSW		.3	1.1	3.2	3.5	.5	.1					8.7	15.9
SW		.4	1.9	4.8	3.6	.7						11.4	14.5
WSW	.1	.1	.8	3.2	1.6							5.9	13.5
W		.4	1.7	2.6	1.7	.5						7.0	14.1
WNW		.3	1.2	1.2	.1	.3						3.1	12.0
NW		.5	.8	1.9	.1	.3						3.6	12.3
NNW		.4	2.2	2.0	.1	.9	.1					5.6	13.3
VARBL													
CALM												.1	
	.1	6.9	18.5	42.7	23.8	7.3	.5					100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...METAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | ...Y MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.2	3.5	.9	.5	.1	.1				.2	17.1
NNE		.7	1.9	2.7	1.6	.5	.1					7.5	13.5
NE		.1	.8	1.6	.8	.3						3.6	14.1
ENE		.5	.5	1.6	.3							3.0	11.1
E		.9	1.6	.9	.3							3.8	9.5
ESE		.3	.9	1.7	.3	.1						3.4	12.3
SE		.8	1.3	1.7	.7	.1						4.7	11.6
SSE		.3	1.2	3.0	1.3	.7						6.5	14.6
S	.1	.9	1.5	6.5	5.6	2.8						17.5	16.0
SSW		.5	1.1	4.6	3.2	.8						9.9	15.1
SW	.1	.4	.9	4.3	3.7	.7						9.4	14.9
WSW		.5	1.1	3.7	2.3	1.3	.1					9.1	15.7
W		.5	.9	1.1	.0	.9	.1					4.6	15.3
WNW		.1	.8	.5	.5							2.0	12.9
NW		.7	.9	1.6			.1					3.4	11.1
NNW		.1	2.4	.7	.1	.7						4.0	12.4
VARBL													
CALM												.4	
	.3	8.8	20.2	30.7	21.5	9.5	.7	.1				100.0	14..

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047	AMARILLO MAP TX	74-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.7	3.5	1.1	.8	.5					8.5	14.3
NNE		.3	1.1	1.7	.9	.1						4.2	13.3
NE		.3	1.5	1.5	.8	.1						4.2	12.1
ENE		.1	1.2	2.0	.5							3.9	12.3
E		.2	1.7	1.2								3.9	9.5
ESE		.4	1.7	.7	.7	.1	.1					3.9	12.1
SE	.1	.4	1.5	2.7	1.6	.7	.1					7.1	14.5
SSE		.1	1.6	3.4	2.3	1.2						9.3	16.1
S		.8	2.3	5.8	5.5	3.0	.3					17.6	16.3
SSW		.5	1.7	2.7	2.3	1.5						8.7	15.5
SW		.1	1.1	4.4	2.6	1.2	.4					9.8	16.5
WSW		.2	1.2	1.6	2.0	.9	.1					6.9	14.9
W		.4	.9	1.3	1.7							4.4	14.1
WNW		.3	.3	.9	.5	.3						2.5	12.9
NW		.4	.9	1.1	.4							2.8	11.5
NNW		.3	.9	.5			.1					1.9	11.0
VARBL													
CALM												.5	
	.1	7.4	21.5	35.1	23.0	10.6	1.7					100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.5	2.0	.3	.5						5.4	13.4
NNE	.1	.3	1.3	2.7	.4	.3						5.1	12.7
NE		.9	1.9	2.4	.5							5.7	11.2
ENE		.5	1.2	1.5	.8							4.0	11.5
E		.7	2.2	2.0	.4							5.3	10.9
ESE		.7	1.9	2.2	1.1	.5						6.6	13.5
SE		.5	3.9	5.7	2.7	1.1						13.9	13.6
SSE		.4	2.1	3.8	3.2	1.6	.1					11.2	15.6
S	.1	.3	3.5	6.5	4.5	1.9	.5					17.3	15.4
SSW		.3	2.0	2.5	1.8							7.6	12.8
SW		.1	.9	1.9	1.5	.3	.1					4.9	14.7
WSW		.3	.9	1.2	.9	.3						3.6	13.6
W		.4	1.2	1.9	1.1	.1						4.7	12.9
WNW		.4			.1	.3						.8	13.2
NW	.1	.3	.7	.3		.3						1.6	13.7
NNW		.4	.3	.7	.4							1.9	11.9
VARBL													
CALM												.5	
	.4	7.0	25.4	38.2	20.2	7.4	.8					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 741

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... 47 (STATION) ...MARILLO MAP TX (STATION NAME) 70-91 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0100-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.6	1.8	1.2	.8	.1					...7	13.3
NNE		1.2	1.6	1.6	.8	.1						...4	11.1
NE		.4	1.5	1.2								3.1	10.2
ENE		.2	1.6	2.2	.4							4.3	11.2
E	.1	.7	3.4	2.2	.3		.1					6.7	10.8
ESE		.4	3.2	2.3	.7	.1						6.7	11.5
SE		.4	5.5	6.2	1.3	.5						14.3	12.1
SSE		.4	5.5	6.2	3.9	.7						16.2	13.9
S		.5	3.5	6.2	3.9	1.5						17.9	14.2
SSW		.3	2.4	2.2	.5							5.4	11.4
SW		.4	1.6	.4								2.4	8.4
WSW		.4	1.3	.7								2.4	9.2
W		.1	.8	.7	.3							1.9	11.1
WNW		.3	.8	.5	.3	.1						1.5	12.4
NW		.2	.8	.1	.3			.1				1.3	12.6
NNW		.4	.4	.4		.1						1.3	10.2
VARBL													
CALM												.1	
	.1	6.0	34.7	3[illegible].7	13.9	4.0	.3	.1				1[illegible].3	12.3

TOTAL NUMBER OF OBSERVATIONS 741

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-81 — YEARS
MAY — MONTH

ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	2.3	3.4	1.4	.5	.1	.0				8.7	13.0
NNE	.0	.7	1.4	2.1	.9	.3	.0					5.5	12.6
NE	.0	.5	1.1	1.4	.5	.2						3.7	12.0
ENE		.5	.9	1.2	.3	.0	.0					2.9	11.2
E	.0	.7	1.8	1.4	.2	.0	.0					4.3	10.2
ESE		.4	1.6	1.3	.4	.2	.0					3.9	11.7
SE	.1	.4	2.6	3.3	1.2	.4	.0					8.0	12.6
SSE	.0	.3	2.4	4.5	1.9	.8	.0					10.0	13.8
S	.0	.9	3.3	7.6	4.1	1.7	.1					17.7	14.5
SSW	.0	.5	2.0	3.7	1.8	.5	.0					8.6	13.4
SW	.1	.3	2.2	3.6	1.6	.4	.1					8.4	13.1
WSW	.2	.6	1.2	1.8	.9	.3	.0					4.9	12.9
W	.0	.5	1.3	1.3	.8	.2	.0					4.1	12.6
WNW		.3	.9	.5	.3	.2						2.3	10.9
NW	.0	.7	1.5	1.1	.2	.1	.0	.0				3.7	11.3
NNW		.4	1.2	.8	.2	.3	.0					2.9	11.7
VARBL													
CALM												.4	
	.3	9.1	27.7	39.2	16.5	6.0	.6	.0				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 5546

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — AMARILLO MAP TX — 73-83 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

0000-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.1	.7	.3							2.8	1..2
NNE		.3	.6	.8	.3	.1						3.1	12.1
NE		.1	1.2	.6	.3	.3						2.5	11.6
ENE		.1	1.4	1.5								3.1	10.6
E		.4	1.1	2.4	.3							4.2	11.7
ESE		.4	1.2	1.5	.1	.1						3.5	11.2
SE			4.4	2.9	.7	.6						8.6	11.9
SSE		.8	5.1	5.0	.8							11.8	10.8
S	.1	.3	7.6	15.3	4.6	1.5						30.0	13.3
SSW		1.5	2.9	10.0	2.2	.4						17.1	12.7
SW		1.0	3.5	1.2	.1							5.8	9.1
WSW		.6	1.4	1.0								2.9	9.6
W	.1	.1	1.0	.4		.1						1.8	9.3
WNW		.1		.3		.1						.5	14.5
NW	.1	.4	.8	.3	.1							1.8	9.5
NNW		.3	.7		.4	.1						1.5	11.6
VARBL													
CALM												.1	
	.4	7.6	34.2	43.9	10.3	3.5						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 72...

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
ETIC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.1	.7								3.3	7.7
NNE		.7	.4	.6	.7	.1						2.5	11.9
NE		.4	1.5	1.0	.6	.1						3.6	11.3
ENE		.3	1.1	.6	.1							2.1	10.2
E		.3	1.0	1.0	.1							2.4	11.4
ESE		.3	1.2	1.1	.1							2.8	10.3
SE		.6	1.4	1.9	.3							4.2	10.8
SSE		.6	3.5	3.1	.6							7.6	11.1
S		2.1	8.1	11.2	1.1	.4						22.9	11.4
SSW		1.2	4.7	10.7	1.9	.1						19.7	12.2
SW		1.1	5.4	9.9	.8	.1						17.4	11.6
WSW		.7	2.8	1.0	.1							4.6	8.9
W			1.4	.3								1.7	9.4
WNW			.7									.7	8.4
NW	.1	.3	1.4	.4	.3							3.1	8.7
NNW		.3	1.0	.1								1.4	7.0
VARBL													
CALM												1.1	
	.3	10.7	36.7	43.5	6.8	1.0						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2. 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-2800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.4	.4	.7	.1						3.9	10.5
NNE		.2	1.0	.4	.6	.4						2.6	13.4
NE	.1	.3	1.1		.6	.1						2.2	11.1
ENE	.1	.3	.5	1.4	.4							2.8	12.0
E		.4	.7	.6	.1							1.8	9.6
ESE		.3	2.2	.8	.3							3.6	10.6
SE	.1	.4	1.4	1.0	.1							3.1	9.7
SSE	.1	.1	2.4	2.9	.4	.1						6.1	11.3
S		1.4	3.1	6.9	1.9	.1						13.5	12.1
SSW		.9	4.6	8.7	2.2	.1						16.5	12.6
SW		1.0	5.3	8.6	3.7	.4						19.0	12.8
WSW	.1	.6	3.2	4.2	.8							8.9	11.6
W		1.0	2.1	1.5	.4							5.0	9.9
WNW		1.4	1.1	.1								2.6	7.3
NW		1.0	2.6	.7	.1							4.4	8.6
NNW		.9	1.0	.6	.1							2.5	8.6
VARBL													
CALM												1.4	
	.7	11.2	33.6	38.9	12.6	1.5						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.1	1.2	.3	.1						3.3	12.6
NNE		.1	1.1	1.0	.9	.4						3.5	14.1
NE		.4	1.0	.4	.8	.1						2.8	12.1
ENE			.3	1.4	.7							2.4	14.5
E		.1	.8	.7								1.7	9.9
ESE		.3	.7	1.1	.1							2.2	11.4
SE	.1	.4	.6	2.5	.1							3.7	11.9
SSE		.1	1.1	1.7	.7							3.6	12.5
S		.8	3.2	5.1	2.3	1.0						12.9	13.3
SSW		1.0	3.5	7.2	3.5	.4						15.6	13.7
SW		.3	2.8	8.2	6.1	.7						18.1	15.3
WSW		.1	1.7	6.5	1.9	.1						10.4	13.5
W		.6	1.5	3.7	.6	.3	.1					6.8	12.8
WNW		.4	1.7	.8	.3	.4						3.7	11.4
NW	.1	.1	2.4	1.0								3.6	9.6
NNW		.4	2.5	1.2	.1	.1						4.4	10.5
VARBL													
CALM												.7	
	.3	6.0	25.8	43.9	19.4	3.7	.1					100.2	13.1

TOTAL NUMBER OF OBSERVATIONS 726

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 | AMARILLO MAP TX | 73-80 | JUN

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	1.5	1.1	.6							4.2	11.6
NNE		.1	.7	1.2	.8							2.9	13.1
NE		.6	1.8	1.8	1.0							5.1	11.9
ENE		.5	.8	1.0	.4							3.1	10.8
E	.1	.6	1.2	1.1	.1							3.2	9.5
ESE	.1	.4	1.5	1.4		.1						3.6	10.2
SE	.1	.4	.9	2.5	.3	.1						4.3	12.3
SSE	.1	.7	1.1	5.3	.8	.4						8.5	13.8
S	.1	1.0	4.4	7.5	2.5	1.0	.1					16.7	13.2
SSW	.3	1.0	1.9	6.0	5.3	1.0						15.4	14.4
SW		.7	2.6	7.2	3.6	.3						14.4	13.8
WSW	.1	.4	1.8	3.6	1.4	.1						7.5	12.7
W		.1	1.1	1.7	.3	.4	.3					3.9	14.4
WNW	.3	.7	1.0	.7	.3							2.9	9.0
NW		.7	1.0	.7	.1							2.5	9.4
NNW		.4	.6	.7	.1							1.8	10.2
VARBL													
CALM													
	1.4	9.6	24.0	43.5	17.6	3.5	.4					100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...L TAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047	AMARILLO MAP TX	73-80	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	1.2	1.1	.4							2.9	11.7
NNE	.1	.7	1.1	1.1	.3							3.3	10.5
NE		.4	.4	1.7	.6							3.1	12.6
ENE	.1	.3	1.2	1.9	1.0							4.6	12.2
E		.4	1.5	1.4	.3							3.6	10.7
ESE	.1	.4	1.5	3.5	.1	.3						6.0	11.6
SE		.7	1.7	3.7	1.4	.1						7.6	12.8
SSE		.3	1.1	5.8	2.5							9.7	14.0
S	.1	.3	3.3	11.4	9.2	1.1	.3					25.7	15.4
SSW		.4	1.7	5.3	4.4	.4						12.2	14.7
SW		.6	1.9	5.1	2.2	1.0						10.8	14.4
WSW	.1	.3	1.2	1.2	1.0							3.9	12.2
W		1.2	.3	.7	.3	.3	.1					2.9	11.5
WNW		.1	.4	.1								.7	9.0
NW		.1	.4	.4								1.0	9.4
NNW		.3	.6	.7								1.5	10.2
VARBL													
CALM												.4	
	.7	6.7	19.7	45.3	23.6	3.2	.4					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

L SAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	.6	.7	.4							2.2	11.3
NNE	.1	.3	.7	.6	.3		.1					2.1	11.7
NE		1.0	1.0	1.5	.1							3.6	10.3
ENE		.3	1.4	2.6	1.0	.1						5.6	12.5
E		.6	2.4	1.7	.3							4.9	10.1
ESE		.3	1.4	3.2	.4	.1	.1					5.6	12.9
SE		.6	3.3	7.2	3.3	.4	.3					15.1	13.7
SSE		.4	2.5	7.6	3.2	.4						14.2	13.9
S		.6	2.9	11.8	7.1	1.1	.1					23.6	15.1
SSW		.6	2.4	4.4	2.6	.3						10.3	13.7
SW		.3	1.7	1.4	1.7	.1						5.3	11.6
WSW		.1	1.0	.3	.4	.3						2.1	13.5
W		.4	.6	.6	.3							1.6	10.5
WNW			.4	.3	.4							1.1	13.3
NW		.3	.1	.3								.7	8.4
NNW		.6	.3	.6	.1							1.5	9.3
VARBL													
CALM												.7	
	.1	7.2	22.5	44.9	21.0	2.9	.7					100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 725

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.4	.6								1.9	10.0
NNE		.3	.6	.6	.3	.3						1.9	12.9
NE		.1	1.0	.4	.4	.1						2.1	12.6
ENE		.1	1.9	1.8	.1							4.0	10.9
E		.5	3.2	2.5	.6	.1						6.9	11.2
ESE		.4	2.4	2.5	.7							6.0	11.5
SE		1.0	4.2	6.5	1.2	.4						13.3	11.9
SSE		.6	7.6	9.7	2.2	.3		.1				20.6	12.1
S	.1	.6	6.4	17.4	4.9	1.1	.3					35.7	13.6
SSW		.4	2.4	2.1	.1	.1						5.1	10.8
SW		.1	1.8	.3								2.2	9.3
WSW			.7	.3	.3							1.2	11.0
W	.1		.4	.1								.7	8.4
WNW		.3	.1	.4	.3	.1						1.2	13.3
NW		.1	.3	.1	.1		.1					.7	14.3
NNW		.1	.4	.3		.1						1.0	11.9
VARBL													
CALM												.1	
	.3	4.7	34.7	45.6	11.2	2.8	.4	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.7	1.2	.8	.4	.0						3.1	10.7
NNE	.0	.3	.9	.8	.5	.2	.0					2.9	12.6
NE	.0	.4	1.1	.9	.5	.1						3.1	11.7
ENE	.0	.3	1.1	1.5	.5	.0						3.4	11.7
E	.0	.4	1.5	1.4	.2	.0						3.6	10.7
ESE	.0	.3	1.5	1.9	.2	.1	.0					4.1	11.4
SE	.1	.5	2.2	3.5	.9	.2	.0					7.5	12.3
SSE	.0	.5	3.1	5.1	1.4	.2		.0				10.3	12.5
S	.1	.9	4.9	10.8	4.3	.9	.1					22.0	13.6
SSW	.0	.9	3.0	6.6	2.8	.4						13.9	13.2
SW		.7	3.1	5.2	2.2	.3						11.6	13.0
WSW	.1	.3	1.7	2.3	.7	.1						5.2	11.9
W	.0	.4	1.0	1.1	.2	.1	.1					3.1	11.5
WNW	.0	.4	.7	.3	.2	.1						1.7	10.3
NW	.1	.5	1.1	.5	.1		.0					2.2	9.3
NNW		.4	.9	.5	.1	.1						2.0	10.6
VARBL													
CALM												.0	
	.5	8.0	28.9	43.7	15.3	2.8	.3	.0				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 5760

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0300-0900 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	.7	1.5		.1						4.0	9.2
NNE		.4	1.3	.4	.1							2.3	7.8
NE		.5	1.5	.9	.3							3.2	10.4
ENE	.1	.3	.9	.3								1.5	6.3
E	.4	.1	.8	.5								1.9	5.4
ESE	.1	.7	1.2	.5								2.6	6.3
SE	.1	.5	2.7	.8	.1	.3						4.6	9.7
SSE		.9	7.3	4.7	.5							13.4	10.3
S	.5	2.0	12.0	20.2	3.1	.1						37.9	11.7
SSW	.1	.9	7.1	4.2	.9	.3						13.6	10.2
SW		1.2	3.6	1.5	.3							6.9	8.8
WSW	.1	.7	1.2	.3								2.3	6.9
W		.8	.5	.3	.1							1.7	8.3
WNW	.1	.3		.3	.1							.8	12.5
NW		.1	.3	.3	.4							1.1	13.6
NNW		.4	.1	.3								.9	7.3
VARBL													
CALM												1.5	
	1.7	12.0	41.1	36.8	6.0	.8						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — AMARILLO MAP TX — 73-50 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0300-0900

CLASS — HOURS (L.S.T.

CONDITION

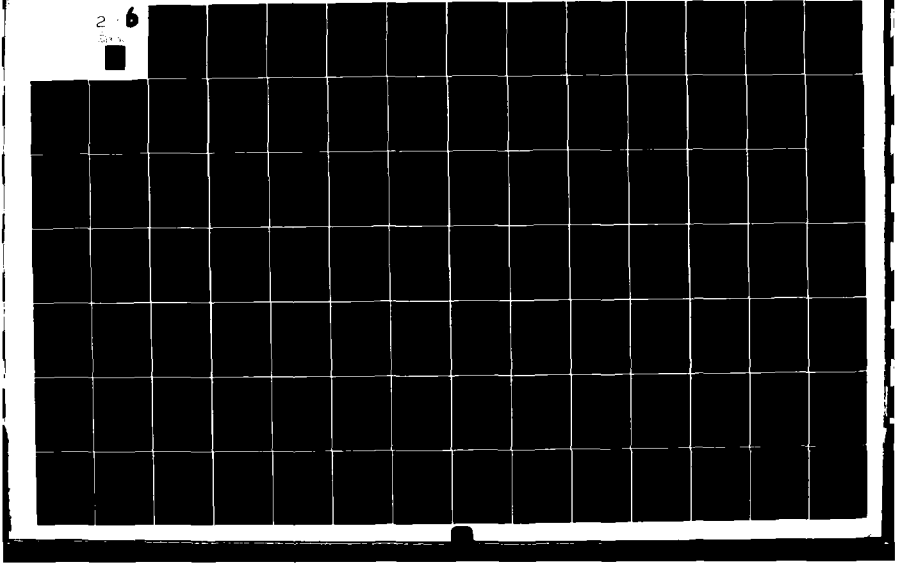
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPEE
N	.?	1.7	2.2	.9								?.1	7.
NNE		.3	.9	.5	.3	.1						2.2	11.
NE		.1	.3	.1								.5	9.
ENE		.1	.6	.3	.1							1.?	10.
E		.?	1.2	.8	.1							2.4	10.
ESE	.1	.4	.4	.1								1.1	7.
SE		.4	2.7	.5								3.6	5.
SSE	.1	2.?	3.9	1.6								7.7	8.
S	.1	2.6	14.1	13.7	1.?							?1.9	10.
SSW		?.3	6.7	9.5	1.5							19.?	10.
SW	.1	1.7	6.2	3.?	.4							11.4	9.
WSW		.9	2.2	.7								3.8	8.
W	.1	1.2	.8	.5	.1							2.5	7.
WNW	.1	.3	1.1									?.?	5.
NW	.1	.4	.7			.1						1.3	8.
NNW		.?	1.3									?.?	7.
VARBL													
CALM												1.?	
	1.2	16.2	45.5	31.4	3.9	.3						1??.?	9.

TOTAL NUMBER OF OBSERVATIONS 74

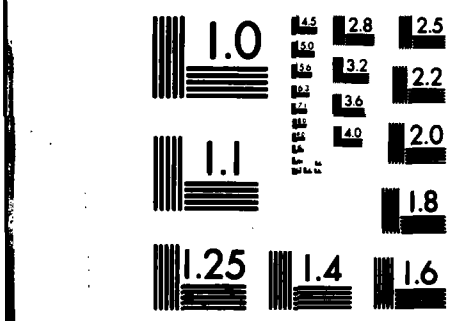
USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 176 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL



13176



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 AMARILLO MAP TX 73-80 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.5	2.4		.1						5.4	9.6
NNE	.1	.4	1.1	.7	.3							2.6	9.7
NE		.3	.9	.4								1.6	8.9
ENE		.4	.4									.8	6.5
E			.8	.4								1.2	10.7
ESE		.1	.9	.4								1.5	9.4
SE		1.1	1.1	.3								2.4	7.2
SSE		.5	4.7	1.1								6.3	6.8
S	.1	1.6	9.1	7.1	.9							19.1	10.6
SSW	.4	2.4	5.1	11.0	2.0	.3						21.2	11.8
SW		2.4	7.7	5.9	2.8	.1						19.0	11.2
WSW		2.0	3.1	1.9	.3	.1						7.4	9.5
W	.1	.9	1.7	.3								3.0	7.4
WNW	.1	.9	.4	.4								1.9	7.1
NW	.1	1.3	.8	.3								2.6	6.7
NNW		1.1	1.3	.4								2.8	7.3
VARBL													
CALM												1.5	
	1.1	16.8	40.7	32.9	6.3	.7						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...FETAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47	AMARILLO MAP TX	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.6	.8	.5	.1						4.0	10.9
NNE	.1	.3	.8	1.1								2.3	9.3
NE		.9	1.3	1.7								4.0	9.6
ENE		.1	.9	.5		.1						1.7	10.3
E	.1	.7	.3	.7								1.7	9.3
ESE		.4	.8	.8								2.0	10.2
SE		.4	.5	1.1	.1							2.2	10.3
SSE	.1	.4	.9	1.2	.1		.1					3.0	11.2
S	.1	1.1	2.8	5.7	2.7							13.4	12.6
SSW		.5	3.0	11.8	5.8	.9						22.0	14.6
SW	.3	.5	4.3	15.7	3.6	.1						24.6	13.5
WSW		.8	2.2	5.0	1.3							9.3	12.2
W		.4	1.1	1.3								2.8	10.5
WNW		.5	1.2	.4	.1							2.3	8.9
NW		.1	1.7	.5								2.4	8.7
NNW	.1	.3	1.1	.1								1.6	7.5
VARBL													
CALM												.5	
	.9	8.5	24.6	49.6	14.4	1.3	.1					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — AMARILLO MAP TX — 73-80 — JUL
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.9	1.5	.4							3.4	10.7
NNE		.1	.4	1.1	.1							1.7	11.7
NE		.3	1.9	1.5								3.6	10.3
ENE		.3	1.1	1.5								2.8	10.3
E		.9	1.7	.7	.1							3.5	8.7
ESE		1.3	1.3	1.1	.1							3.9	8.8
SE		.4	1.3	.8	.1							2.7	10.3
SSE	.1	.8	1.5	4.7	.7	.1						7.9	12.3
S		1.3	4.8	14.8	7.8	.9						29.7	14.0
SSW	.1	.5	4.3	10.5	2.7	.8						19.0	13.5
SW	.1	.9	2.4	5.6	1.3							10.5	12.2
WSW		.4	2.0	1.5	.1							4.0	10.7
W	.1	.3	.9	.5								1.9	8.6
WNW		.1	1.9									2.0	6.2
NW		.3	1.1	.3								1.6	8.7
NNW			.7	.4								1.1	10.1
VARBL													
CALM												.7	
	.7	8.5	28.4	46.4	13.6	1.9						100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.4	.9	.3	.1						2.0	11.9
NNE		.3	.9	.4	.1							1.7	9.9
NE			1.9	1.2	.1							3.2	10.7
ENE		.3	1.9	.4	.1							2.7	9.4
E		.4	2.3	1.9	.4							5.0	10.8
ESE	.1	.1	2.2	1.7	.3							4.4	10.6
SE		.7	2.6	4.2	.9							8.3	11.8
SSE		.4	3.2	5.8	1.7							11.2	12.7
S		.8	3.5	17.9	12.5	1.1	.3					36.0	15.0
SSW		.7	1.7	8.7	4.0	.5						15.7	14.3
SW		.9	1.3	2.8	.4							5.4	11.8
WSW		.1	.7	.7	.1							1.6	10.9
W	.1		.4	.4	.1							1.1	11.1
WNW		.1										.1	4.0
NW		.4	.3									.7	6.8
NNW				.3								.3	13.5
VARBL													
CALM												.5	
	.3	5.4	23.3	47.3	21.2	1.7	.3					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1900-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.3	.3	.1							.9	9.9
NNE		.1	.5		.3							.9	11.0
NE		.3	.9	1.2								2.3	10.2
ENE			1.5	1.3								2.8	10.4
E		.3	2.2	1.5	.1							4.0	10.1
ESE		.7	2.0	2.0	.5							5.2	10.9
SE		.7	2.8	6.3	.8	.1						10.8	12.1
SSE		.3	3.6	8.1	1.3							13.3	12.8
S		1.1	6.3	27.7	9.0	1.6						45.7	14.1
SSW		.1	2.3	5.4	2.4							10.2	13.6
SW			1.1	.7		.1						1.9	11.6
WSW			.4									.4	8.7
W		.1		.1								.3	8.0
WNW			.3		.1							.4	12.7
NW	.1			.1		.1						.4	14.3
NNW			.3									.3	10.0
VARBL													
CALM												.1	
	.1	3.9	24.3	54.7	14.8	2.0						100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.1	.5	.1							2.7	8.9
NNE		.1	.8					.1				1.1	11.3
NE	.1	.4	1.1	.5								2.2	8.1
ENE		.3	1.2	.3		.1						1.9	9.5
E		.3	2.2	.9		.1						3.5	10.3
ESE			2.2	.5		.4						3.1	11.3
SE		.7	4.8	2.8	.4							8.7	9.9
SSE	.1	1.3	10.2	7.3	.9							19.9	10.3
S	.1	1.6	17.1	19.6	3.9							42.3	11.5
SSW		.8	3.4	2.8	.1	.1						7.3	10.4
SW		.8	1.2	.5	.3							2.8	9.2
WSW			.7									.7	8.6
W	.1	.3	.3	.9	.1							1.7	11.0
WNW			.1	.1	.3							.5	16.0
NW		.1	.1			.1						.4	12.0
NNW			.4	.1								.5	11.0
VARBL													
CALM												.7	
	.5	7.7	46.8	37.1	6.2	.9		.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] AFGTAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.1	1.1	.2	.1						3.4	9.6
NNE	.0	.3	.9	.5	.2	.0		.0				1.9	10.2
NE	.0	.4	1.2	1.0	.1							2.6	9.9
ENE	.0	.2	1.1	.6	.0	.0						1.9	9.7
E	.1	.4	1.4	.9	.1	.0						2.9	9.8
ESE	.1	.5	1.4	.9	.1	.1						3.0	10.0
SE	.0	.6	2.3	2.1	.3	.1						5.4	10.6
SSE	.1	.8	4.4	4.3	.7	.0	.0					10.3	11.0
S	.1	1.5	8.7	16.0	5.2	.5	.0					32.0	12.7
SSW	.1	1.0	4.2	7.9	2.4	.4						16.0	12.6
SW	.1	1.1	3.5	4.5	1.1	.1						10.3	11.5
WSW	.0	.6	1.5	1.2	.2	.0						3.7	10.2
W	.1	.5	.7	.6	.1							1.9	9.0
WNW	.1	.4	.6	.2	.1							1.3	8.5
NW	.1	.4	.6	.2	.1	.1						1.3	8.9
NNW	.0	.3	.7	.2								1.2	6.1
VARBL													
CALM												.9	
	.8	9.8	34.3	42.0	10.8	1.2	.1	.0				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 5951

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]SFETAC
AI[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	1.3	.5	.1	.1						2.3	10.7
NNE		.7	.1	.5								1.3	8.1
NE			.7	1.6	.1							2.4	11.6
ENE	.3	.3	1.2	.7								2.4	8.7
E		.7	1.3	1.2								3.2	9.6
ESE		.3	1.3	1.3	.1							3.1	10.5
SE		1.9	3.4	1.7								7.0	8.9
SSE		.4	5.6	3.9	.3	.3						10.5	10.5
S	.1	2.4	13.8	19.1	3.9	.1						39.5	11.7
SSW		.8	6.3	7.1	.9							15.2	11.1
SW		.4	3.8	1.5	.3							5.9	9.8
WSW		.4	.9	.7	.3							2.3	10.1
W	.1	.4	.3	.1								.9	6.3
WNW		.4	.1	.1								.7	7.6
NW		.3	.3	.5								1.1	10.3
NNW			.5	.3								.8	10.2
VARBL													
CALM												1.3	
	.5	9.4	41.1	41.0	6.0	.5						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0300-0900 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	.7	.3								1.7	7.1
NNE		.1	.7	.3								1.1	9.6
NE		.5	1.5	.8								2.8	9.4
ENE		.7	.7	.3								1.6	8.1
E		.5	1.1	.3								1.9	7.9
ESE		1.3	.8	1.1	.1							3.4	9.0
SE		.5	1.9	1.1	.1							3.6	9.8
SSE		1.1	3.4	1.9								6.3	9.1
S	.1	2.7	12.1	11.6	1.5							28.0	10.6
SSW	.1	1.5	9.9	9.3	1.9	.3						23.0	11.2
SW	.1	1.5	6.3	5.9	.1	.3						14.2	10.4
WSW		1.2	1.6	1.1	.1							4.0	8.6
W		.4	1.5	.4	.1	.1						2.6	10.1
WNW		.3	.3									.5	7.0
NW		1.1	1.1									2.2	6.9
NNW		.9	.9									1.7	6.6
VARBL													
CALM												1.3	
	.4	15.1	44.4	34.1	4.0	.7						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 0630-0830 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.7	.4	.1							3.1	8.7
NNE		.5	.3	.4								1.2	8.4
NE	.1	.7	.9	.8	.3							2.8	9.5
ENE			.8	.1								.9	9.6
E		.1	1.2	.3	.4							2.3	11.0
ESE	.1	.3	1.2	.8	.1							2.6	9.2
SE	.1	.5	.9	.9								2.6	9.7
SSE	.1	.8	1.9	.5		.1						3.5	9.0
S	.1	3.5	9.5	7.9	.8	.1						22.0	10.1
SSW	.1	1.7	8.2	9.4	1.9	.3						21.6	11.5
SW		2.6	9.5	6.9	1.3							20.3	10.6
WSW		1.5	4.2	2.4	.5							8.6	9.7
W	.1	.9	.5	.4								2.0	7.3
WNW		.8	.7	.3								1.7	7.3
NW		.8	.4	.1								1.3	6.5
NNW		.5	.7	.8								2.0	8.9
VARBL													
CALM												1.5	
	1.1	16.0	42.7	32.5	5.5	.5						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.5	1.3	.4							3.9	10.8
NNE		.1	.4	1.1								1.6	11.8
NE		.3	.5	.9								1.7	10.3
ENE		.1	.9	.8								1.9	10.3
E	.1	.5	1.1	1.3								3.1	9.4
ESE		.4	.7		.3							1.3	9.3
SE		.4	1.7	.8	.4							3.4	10.4
SSE	.3	.3	.9	.5	.1							2.2	8.8
S	.1	1.3	2.3	5.2	3.2	.3						12.5	13.0
SSW		.8	3.2	10.6	7.0	.4						22.0	14.5
SW	.1	.4	4.0	14.7	7.0	.4						26.6	14.2
WSW		.9	3.2	4.9	1.2							9.4	11.7
W		.4	1.9	2.2								4.4	10.3
WNW		.9	.8	.8								2.6	3.6
NW		.7	.8	.5								2.0	8.8
NNW	.1	.3	.4	.4								1.2	9.4
VARBL													
CALM												.1	
	.8	8.6	24.5	45.3	19.6	1.1						100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 84 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L ...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.7	.8	.3							3.5	9.8
NNE		.3	.4	1.2								1.9	11.2
NE		.1	.8	1.3								2.3	11.3
ENE		.5	.9	1.2	.1							2.8	10.3
E		.7	1.6	.8	.3							3.2	10.2
ESE		.8	1.7	.4	.4	.1						3.5	9.6
SE		1.1	1.7	1.3	.1							4.3	9.4
SSE		.1	1.1	2.2	.5							3.9	12.3
S		.5	4.2	13.6	5.2	.4						23.9	14.1
SSW		1.1	3.0	13.4	6.6	.7						24.7	14.4
SW		.5	2.0	8.2	2.6							13.3	13.5
WSW		.4	2.2	2.0	.7							5.2	11.6
W		.3	.8	1.5	.1							2.7	10.8
WNW	.1	.5	.9	.3								1.9	8.0
NW	.1	.1	1.1									1.3	7.4
NNW		.1	.9									1.1	7.8
VARBL													
CALM												.4	
	.3	7.8	25.1	48.3	16.9	1.2						100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 744

...NAL CLIMATOLOGY BRANCH
...SFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	1.1	.5	.1							2.0	9.9
NNE		.3	1.2	.3	.5							2.3	10.7
NE		.5	1.1	1.2	.1							3.0	10.2
ENE		.4	1.7	.5								2.7	8.6
E		1.1	1.9	1.9	.3	.3						5.4	10.6
ESE		.8	.8	.8	.1							2.6	9.6
SE		.4	2.4	2.4	.7	.3						6.2	12.4
SSE		.3	1.7	3.8	1.6							7.4	13.4
S		.9	3.5	19.0	13.0	.8						36.2	15.1
SSW		.3	1.5	8.9	5.1	.5						16.3	15.1
SW		.3	1.7	4.2	1.6							7.8	13.0
WSW		.1	.9	1.9	.4	.3						3.6	12.8
W		.4	.9	.7								2.0	9.4
WNW		.1	.5	.1	.3							1.1	11.0
NW			.3									.3	9.5
NNW	.1	.3	.1		.1							.7	7.6
VARBL													
CALM												.7	
	.1	6.3	21.5	45.2	24.1	2.2						100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 744

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2[illegible]47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.3	.1	.3							.7	13.6
NNE		.3	.5	.1	.5							1.5	12.3
NE		.1	1.3	1.1	.1							2.7	10.5
ENE		.1	2.0	.8		.1						3.1	10.6
E		.1	2.3	1.3	.4							4.2	10.8
ESE	.1	.1	1.5	.8	.5							3.1	10.6
SE	.1	1.2	3.4	3.2	.5	.1						8.6	10.6
SSE		1.2	2.3	6.5	1.2	.1						11.3	12.3
S		.4	7.7	29.3	12.0	.1	.1					49.6	14.0
SSW		.4	1.7	4.6	2.0							8.7	13.4
SW		.3	2.0	.9	.4							3.6	10.4
WSW		.4	.1	.3								.8	8.2
W			.4	.4								.8	10.7
WNW		.4										.4	4.7
NW				.3								.3	14.0
NNW			.3									.3	9.0
VARBL													
CALM												.4	
	.3	5.1	25.8	49.7	18.0	.5	.1					100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.7	.3	.1							1.3	9.7
NNE	.1	.3	.5	.1								1.1	7.5
NE	.1	.1	1.2	.8								2.3	10.2
ENE			1.2	.8	.1							2.2	10.4
E		.9	1.3	.9								3.2	8.7
ESE		.7	2.2	.5	.1							3.5	8.8
SE		.8	4.4	3.0	.4	.3						8.9	10.7
SSE	.1	.7	10.2	5.5								16.5	9.4
S	.1	1.6	16.4	25.0	2.8	.1						46.1	11.6
SSW		.3	3.8	3.5	.4							7.9	10.9
SW		.4	1.3	1.1								2.9	9.7
WSW		.1		.1	.1							.4	14.3
W		.1	.4	.1								.7	8.6
WNW			.1	.3	.1							.5	12.5
NW			.4	.1		.1						.7	11.6
NNW			.5	.1	.1							.6	11.0
VARBL													
CALM												1.1	
	.5	6.3	44.8	42.3	4.4	.5						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.4	1.1	.5	.2	.0						2.3	9.8
NNE	.0	.3	.5	.5	.1							1.5	10.1
NE	.0	.3	1.0	1.1	.1							2.5	10.3
ENE	.0	.3	1.2	.7	.0	.0						2.2	9.6
E	.0	.6	1.5	1.0	.2	.0						3.3	9.9
ESE	.0	.6	1.3	.7	.2	.0						2.9	9.6
SE	.0	.9	2.5	1.8	.3	.1						5.6	10.4
SSE	.1	.6	3.4	3.1	.5	.1						7.7	10.8
S	.1	1.7	8.7	16.2	5.3	.3	.0					32.2	12.6
SSW	.0	.9	4.7	8.4	3.2	.3						17.4	12.9
SW	.0	.8	3.8	5.4	1.7	.1						11.8	12.1
WSW		.6	1.6	1.6	.4	.0						4.3	10.6
W	.0	.4	.8	.7	.0	.0						2.0	9.6
WNW	.0	.4	.4	.2	.1							1.2	8.4
NW	.0	.4	.5	.2		.0						1.1	8.4
NNW	.0	.3	.6	.2	.0							1.1	8.6
VARBL													
CALM												.9	
	.5	9.3	33.7	42.3	12.3	.9	.0					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 5952

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.9	1.4	.6	.3						5.0	11.1
NNE	.1	.1	1.2	1.7	.6	.1	.1					4.0	12.5
NE		.7	1.1	1.2	.8							3.9	11.5
ENE	.1	.4	.8	.6								1.9	8.1
E	.1	.3	1.0	1.1								2.5	10.0
ESE		.6	1.9	.3	.1							2.9	8.6
SE		1.5	2.1	1.4	.3							5.3	9.3
SSE	.1	1.7	9.1	2.8	.3	.1						13.1	9.4
S	.1	3.5	10.4	12.5	1.9	.3						26.7	10.6
SSW		1.9	4.9	4.6	.8							12.2	10.1
SW	.4	1.5	5.0	1.9	.6							9.4	9.2
WSW		.8	.8	1.0	.1							2.8	10.0
W	.1	1.1	.7	1.0								2.9	8.2
WNW	.1	.4	1.0	.4								1.9	8.4
NW		.6	.8	.1								1.5	6.9
NNW		.4	.3									.7	6.4
VARBL													
CALM												1.1	
	1.4	16.4	42.1	31.9	6.1	.8	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	2.9	1.7	.8							6.4	10.3
NNE		.6	1.8	2.1	.1							4.6	10.4
NE		.6	.7	1.1	.6							2.9	11.1
ENE		.7	.3	1.0								1.9	9.5
E		1.0	2.2	.1								3.3	8.0
ESE		.4	.9	.1								1.4	7.5
SE		.3	1.2	.1								1.7	8.1
SSE	.1	1.2	2.9	1.5								5.8	8.9
S	.3	3.9	10.7	7.5	1.0							22.9	9.6
SSW		2.9	7.6	5.4	.3							16.2	9.6
SW	.1	3.1	6.7	2.6	.1		.1					12.8	8.9
WSW	.1	2.2	1.4	1.1	.3							5.1	8.4
W		1.7	1.1									2.3	6.5
WNW	.1	1.4	1.0	.7								3.2	7.7
NW	.1	1.4	3.6	.3								5.4	7.5
NNW		.5	.8	.1	.1							1.7	8.4
VARBL													
CALM												1.8	
	1.2	22.1	45.8	25.6	3.3		.1					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-3600 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.9	3.5	1.3	.4						8.2	12.2
NNE		.4	1.1	1.7	.7	.3						4.2	13.3
NE		.1	.8	1.9	.3							3.2	12.2
ENE		.7	1.1	.6	.1							2.5	8.6
E	.1	.1	1.8									2.1	7.6
ESE	.4	.1	1.1	.1								1.8	6.8
SE	.3	1.3	1.8	.6								3.9	7.5
SSE		1.1	2.2	.7	.6							4.6	9.4
S	.4	1.1	7.6	6.3								15.4	9.9
SSW	.3	1.7	5.4	6.1	.1							13.6	10.3
SW	.1	3.1	7.1	5.1	.1							15.6	9.4
WSW	.1	1.8	2.4	2.1								6.4	9.0
W		2.9	1.4	.1								4.5	6.4
WNW	.1	1.5	1.5	.3								3.5	7.0
NW		2.2	3.3	.4	.1							6.1	7.6
NNW		.4	1.7	.7	.1							2.9	9.7
VARBL													
CALM												1.5	
	1.9	19.7	42.4	30.2	3.5	.7						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 719

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.1	4.6	1.4	.7						8.3	13.8
NNE	.1	.4	1.4	2.9	1.5	.7						7.1	13.9
NE	.2	.1	1.0	1.7	1.0	.1						4.2	12.4
ENE		.8	.1	1.0	.7							2.6	11.7
E		.3	.4	.4								1.1	9.6
ESE		.1	.8	.8								1.8	9.8
SE		.4	1.1	.4								1.9	9.2
SSE	.1	1.2	1.4	1.9	.4							5.1	9.9
S	.1	1.7	4.9	4.4	1.8	.1						13.1	11.4
SSW		1.4	3.2	6.8	3.1	.1						14.6	12.9
SW	.1	.8	3.7	8.7	1.2	.1						14.9	12.4
WSW		1.4	1.4	3.3	1.1							7.2	11.5
W	.1	.8	1.9	1.7	.4							5.0	10.5
WNW		.8	2.2	1.5	.1							4.7	9.3
NW		1.4	1.8	1.4	.3							4.9	9.1
NNW		.4	1.8	.6	.1							2.9	9.1
VARBL													
CALM												.6	
	1.0	12.9	28.3	42.2	13.2	1.9						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...SETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.5	3.1	1.7	.7						8.7	12.4
NNE		.4	2.1	2.2	1.7	.6						6.9	13.4
NE		1.1	1.8	1.8	.7							5.4	10.7
ENE		.6	1.9	1.2	.4							4.2	10.1
E	.3	.8	1.0	1.1								3.2	8.7
ESE		.7	1.0	.7								2.4	9.1
SE		.7	1.1	1.2								3.1	9.8
SSE		.7	2.4	3.5	.1							6.7	10.7
S		.8	5.6	7.4	3.9	.1						17.8	12.8
SSW		.7	2.5	6.7	1.9	.1						11.9	13.1
SW		.3	4.0	5.3	2.2							11.8	12.4
WSW		1.2	1.2	2.2	.7							5.4	11.4
W		.6	1.2	1.5	.3	.6						4.2	12.5
WNW		.1	1.0	.6	.4							2.1	11.7
NW		.3	.8	.3	.3							2.2	9.1
NNW		.4	1.4	.6	.1							2.5	9.8
VARBL													
CALM												1.5	
	.3	11.2	31.5	39.3	14.4	1.7						100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.4	1.8	1.5							6.2	11.6
NNE		.4	1.4	2.5	1.1	.7						6.1	14.2
NE		.8	2.1	1.2	.3							4.4	10.2
ENE	.1	1.1	2.1	2.2								5.6	9.5
E		1.0	3.3	.8	.1							5.3	6.7
ESE		.3	.8	1.7	.1							2.9	11.2
SE	.1	.7	2.2	1.9	1.2							6.2	11.2
SSE		.7	1.7	4.0	.8							7.2	11.9
S	.1	1.4	4.7	9.4	4.2	.8						20.7	13.1
SSW	.1	.4	3.6	5.8	2.1	.3						12.4	13.1
SW	.1	.7	1.8	3.9	.1	.6						7.2	12.5
WSW		.1	1.2	1.8	1.9	.1						5.3	14.3
W		.7	1.2	1.0	1.0	.3						4.2	12.5
WNW		.3	.4	.4								1.1	8.9
NW	.1	1.0	.8	.4	.4	.1						2.9	9.9
NNW	.1	.3	.4	.6	.3							1.7	11.0
VARBL													
CALM												.6	
	1.1	11.2	29.3	39.6	15.3	2.9						100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.5	1.2	.8							4.3	11.2
NNE	.3	.8	1.0	1.7	.3	.4						4.4	11.8
NE		1.1	1.9	1.9	.8	.1						6.0	11.2
ENE	.1	1.5	2.6	1.2	.1							5.7	8.8
E		.7	2.6	1.0								4.3	8.8
ESE	.1	.4	2.5	1.2	.1							4.4	9.3
SE	.1	.7	7.2	4.0	.8							12.9	10.2
SSE		.8	4.7	6.4	.4							12.4	11.1
S		1.5	6.8	12.2	2.8	.3						23.6	12.0
SSW		.4	3.2	3.7	.7	.1						8.2	11.9
SW		1.2	2.1	1.7	.1							5.1	9.6
WSW		.4	.8	1.1	.4							2.8	11.6
W		.6	.6	.6	.3							1.9	10.1
WNW		.1										.1	6.0
NW	.1	.7	.1		.1							1.1	6.4
NNW		.6		.4	.4							1.4	11.5
VARBL													
CALM												1.2	
	.8	12.4	37.8	38.5	8.3	1.0						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.6	1.5	.4		.1					3.3	12.4
NNE			1.0	1.2	1.1	.3						3.6	14.8
NE		.3	2.1	1.5	.8							4.7	12.0
ENE		.3	2.4	.4								3.1	8.6
E	.1	.4	1.2	1.8								3.6	10.0
ESE		.7	2.8	.6	.3							4.3	9.1
SE		.8	6.1	3.2								10.1	9.6
SSE		2.4	10.3	6.2	.6	.1						19.6	9.9
S	.1	2.1	10.8	12.6	2.2	.1						28.1	11.1
SSW		1.2	3.1	3.1	.1							7.5	9.8
SW		1.2	1.7	.8	.3							4.0	6.8
WSW		.7	.6	.3								1.5	7.3
W	.1	.7	1.0	.4	.3							2.5	9.2
WNW		.7	.1	.1								1.0	6.9
NW		.4	.1		.3							.3	10.3
NNW		.4	.4	.1		.1						1.1	9.8
VARBL													
CALM												1.1	
	.4	13.1	44.2	34.0	6.4	.7	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.7	2.3	1.1	.2	.0					6.3	12.0
NNE	.1	.4	1.4	2.0	.9	.4	.0					5.1	13.1
NE	.0	.6	1.4	1.6	.7	.0						4.3	11.4
ENE	.1	.9	1.4	1.0	.2							3.4	9.3
E	.1	.6	1.7	.8	.0							3.2	8.9
ESE	.1	.4	1.5	.7	.1							2.7	9.1
SE	.1	.8	2.9	1.6	.3							5.6	9.7
SSE	.1	1.2	4.2	3.4	.4	.0						9.3	10.2
S	.2	1.9	7.7	9.0	2.2	.2						21.3	11.3
SSW	.1	1.3	4.2	5.3	1.1	.1						12.1	11.4
SW	.1	1.5	4.0	3.8	.6	.1	.0					10.1	10.5
WSW	.0	1.1	1.2	1.6	.6	.0						4.6	10.7
W	.1	1.1	1.1	.8	.3	.1						3.5	9.7
WNW	.1	.7	.9	.5	.1							2.2	8.6
NW	.1	1.1	1.4	.4	.2	.0						3.1	8.3
NNW	.0	.4	.9	.4	.2	.0						1.9	9.6
VARBL													
CALM												1.2	
	1.0	14.9	37.7	35.2	8.8	1.2	.1					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 5759

L CAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 AMARILLO MAP TX 73-80 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 0000-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	1.1	1.6	1.3	1.2	.4					7.5	14.0
NNE		.9	.5	.5	.4							2.4	9.9
NE		.3	.8	.8	.5							2.4	11.7
ENE		.2	1.5	.7								3.0	8.1
E		.3	1.1	.4	.1							1.9	9.1
ESE		.3	1.1	.3								1.9	7.8
SE		.4	1.3	.3								2.0	8.1
SSE		.8	1.6	1.9	.3							4.6	10.2
S	.1	1.9	7.1	8.1	2.6	.3						20.0	11.5
SSW	.2	3.2	7.4	7.7	2.9	.3						21.6	11.2
SW	.1	2.7	7.9	3.0	1.1							14.8	9.5
WSW	.1	1.3	3.2	.9	.4							6.0	9.0
W	.1	1.2	.5	.9	.3							3.1	9.3
WNW		1.7	.4	.1	.1							2.4	7.1
NW		.5	.8	.9				.3				2.6	12.1
NNW		.7	1.2	.4	.3			.1				2.7	10.8
VARBL													
CALM												1.1	
	.9	19.1	37.6	28.5	10.2	1.7	.4	.4				100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
...4F	AMARILLO MAP TX	73-80	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0300-1500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	2.4	2.3	.9	1.5	.3					8.2	14.1
NNE	.1	.4	1.2	.8	.9	.3						3.8	12.9
NE	.1	.4	.8	.9								2.3	9.4
ENE		.1	.7	.5								1.3	9.6
E	.1	.5	1.5	.1								2.3	7.5
ESE		.4	.8									1.2	7.4
SE		.4	.4	.1								.9	7.9
SSE			.7	1.5								2.2	11.2
S	.1	1.1	5.0	5.7	.9							12.8	11.1
SSW		2.9	7.1	9.0	1.6	.1						19.9	11.1
SW	.1	2.2	10.5	4.6	1.2	.1						18.7	10.1
WSW		1.1	3.9	2.2	.5							7.7	10.0
W		1.3	1.3	.7	.4							3.8	9.2
WNW	.3	1.7	1.2	.1	.1							3.5	6.9
NW		2.4	3.0	.9								6.3	7.7
NNW		2.2	.8	.3	.3	.1	.3					3.9	9.9
VARBL													
CALM												1.1	
	.9	17.2	41.3	23.7	7.0	2.2	.5					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47	AMARILLO MAP TX	73-80	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0600-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	4.6	3.4	1.6	1.2						11.6	12.6
NNE		.4	.4	2.3	.8	.4						4.7	13.6
NE		.1	.4	.7	.4	.3						1.9	14.2
ENE		.1	.3									.4	7.0
E	.1	.3	.1									.5	5.0
ESE		.7	.3	.1								1.1	6.9
SE		.4	.7	.1								1.2	7.7
SSE			.7	.7								1.3	11.4
S		1.6	3.2	4.3	.4							9.6	10.7
SSW		.9	5.1	5.8	1.9							13.7	11.5
SW	.3	2.6	11.2	4.4	.9							19.4	9.5
WSW	.1	2.0	3.6	3.1	.8							9.7	9.5
W		3.1	1.7	.9	.1	.3						6.2	8.3
WNW	.7	1.5	1.1	.7	.3							3.8	8.0
NW	.1	2.6	3.4	1.1	.3							7.4	8.0
NNW		1.6	2.3	1.2	.3	.1						5.5	9.3
VARBL													
CALM												1.7	
	1.2	18.7	39.4	28.8	7.8	2.3						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 743

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-83 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0300-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.5	3.8	2.3	1.7	.1					10.2	15.5
NNE			1.5	2.3	3.2	1.2						8.2	16.4
NE			.4	1.3	1.3	.3						3.4	15.8
ENE			.7	.4								1.1	11.6
E		.3	.9	.4								1.6	8.8
ESE			.3	.1								.4	9.7
SE	.3		.4	.5	.1							1.3	9.6
SSE	.1	.1	.4	.7	.3							1.6	10.7
S		.2	1.6	3.5	1.7	.1						7.5	13.4
SSW		.7	1.3	5.4	3.5	2.6						12.9	15.6
SW		.5	2.3	7.8	3.1	1.2						14.9	14.1
WSW		.7	2.3	4.3	1.6	.4						9.3	12.9
W		.7	2.7	3.0	.9	.8						8.1	13.3
WNW		1.2	2.2	2.2	.4	.1						6.4	10.2
NW		.8	4.2	2.2	.3	.1						7.5	9.8
NNW		.3	2.4	1.6	.7	.1						5.4	11.4
VARBL													
CALM												.5	
	.5	6.7	25.0	32.4	19.5	8.2	.1					100.1	13.4

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2... 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

1700-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.0	4.0	3.0	.4						11.3	13.6
NNE		.4	1.3	2.7	2.4	.3						7.1	14.4
NE			1.5	1.7	1.9							5.1	13.8
ENE	.1	.5	.3	.8	.1							2.2	9.1
E		.1	1.3	.5								2.0	9.7
ESE	.1	.1	.8	.3								1.3	8.1
SE		.4	.4	.4	.3							1.5	10.7
SSE		.4	.3	2.2	.4	.1						3.4	12.7
S		.9	3.9	4.0	1.5	1.7						12.0	13.5
SSW		.7	3.2	5.9	4.4	1.7						16.0	14.9
SW	.1	.5	2.0	6.2	3.8	.1						12.8	13.9
WSW	.1	.1	2.0	4.2	1.9	.5						8.9	13.9
W		1.1	1.1	2.8	1.5	.5	.1					7.1	13.8
WNW		.7	.7	.8	.4		.1					2.7	11.5
NW	.1		1.5	.8								2.4	10.2
NNW		.3	1.7	.8	.9							3.8	11.9
VARBL													
CALM												.5	
	.7	7.5	24.1	39.0	22.4	5.5	.3					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 744

AL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.2	3.1	2.3	.1						7.7	13.4
NNE		.5	1.3	2.3	1.7	.7						6.6	13.0
NE		.7	2.2	3.8	1.2							7.8	11.9
ENE	.3	.4	1.1	.5								2.3	8.6
E		.9	1.6	.7								3.2	8.6
ESE		.1	.5	.7								1.3	9.9
SE		.3	.6	1.7								3.4	9.8
SSE		.3	.5	1.9	1.1	.1						3.9	13.5
S		.7	2.4	5.9	4.4	1.3						14.8	14.8
SSW		.5	3.6	4.8	4.8	.7						14.5	14.1
SW		.7	1.5	6.0	2.4	.4	.1					11.2	14.2
WSW	.1	.3	1.1	4.0	.9	1.3	.1					7.9	15.4
W		.7	1.5	2.6	.3	.1						5.6	12.7
WNW		.3	1.3	.4	.1							2.7	9.0
NW	.1	.5	1.1	.7	.3							2.7	9.5
NNW		.5	1.2	.8	.3	.1	.1	.1				3.2	12.7
VARBL													
CALM												1.2	
	.5	9.4	23.0	39.9	20.4	5.0	.4	.1				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible] AFETAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1000-2000 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.6	1.7	1.3	.7						5.5	13.2
NNE	.3	.5	2.3	.9	.9	.1						5.1	11.1
NE		1.6	3.0	2.3								6.9	9.4
ENE	.1	.8	2.7	.5								4.2	7.9
E	.1	1.2	2.0	.3								3.6	7.3
ESE		1.1	2.3	.7								4.0	8.0
SE		1.1	3.8	1.7								6.6	9.2
SSE		.7	4.6	4.3	.4							9.9	10.9
S		3.0	9.6	10.3	2.7	.1						24.7	11.5
SSW		1.5	5.6	2.7	1.5	.1						11.4	10.5
SW		1.7	3.2	2.0	.4							7.0	9.5
WSW		.3	1.2	.8								2.3	9.7
W	.1	1.2	.9	.3	.1							2.7	7.8
WNW		.3	.1	.1								.5	8.9
NW	.1	.3	.5		.3	.1						1.3	10.7
NNW		.5	.3	.4		.1	.1					1.5	12.1
VARBL													
CALM												1.7	
	.9	16.3	42.7	29.2	7.7	1.3	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 744

[illegible] CLIMATOLOGY BRANCH
[illegible] USETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2-47 (STATION) AMARILLO MAP TX (STATION NAME) 73-PR (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.3	1.1	1.6	1.1	.4						5.5	12.2
NNE	.1	.8	1.1	.7	.9	.3						3.9	12.4
NE		1.5	1.3	1.6	.1	.1						4.7	9.7
ENE		.3	1.3	.8								2.4	9.6
E	.1	.7	1.6	.8		.1						3.4	9.3
ESE		.5	1.9	.1	.1							2.7	8.0
SE	.1	1.2	4.0	1.5	.1							7.0	8.3
SSE	.3	.9	5.6	3.8	.5	.1						11.2	10.4
S	.3	1.7	13.3	11.8	3.9	1.1						29.2	11.9
SSW		2.2	5.9	3.3	1.2	.1						12.4	10.3
SW	.3	1.3	3.6	.8	.5							6.6	8.9
WSW	.1	.9	1.2	.4	.1							2.7	9.1
W	.1	.3	1.1	.8	.1							3.0	8.6
WNW		.1	.4	.3								.8	9.2
NW	.1	.8	.5	.5	.1		.3	.1				2.6	12.7
NNW		.3	.4	.3	.4							1.3	12.0
VARBL													
CALM												.8	
	1.6	15.2	41.5	28.8	9.4	2.3	.3	.1				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L...AL CLIMATOLOGY BRANCH
...AFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2... 47 ... AMARILLO MAP TX — STATION / STATION NAME
73-80 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	1.9	2.8	1.7	.9	.1					8.6	13.7
NNE	.1	.8	1.3	1.6	1.4	.4						5.2	13.8
NE	.0	.6	1.3	1.6	.7	.1						4.3	11.7
ENE	.1	.4	1.1	.5	.0							2.1	8.8
E	.1	.5	1.3	.4	.0	.0						2.3	9.4
ESE	.0	.4	1.0	.3	.0							1.7	9.1
SE	.1	.6	1.5	.8	.1							3.0	9.1
SSE	.1	.4	1.8	2.1	.4	.1						4.9	11.1
S	.1	1.4	5.3	6.7	2.3	.6						16.3	12.2
SSW	.0	1.5	4.9	5.5	2.7	.6						15.3	12.3
SW	.1	1.5	5.3	4.4	1.7	.2	.0					13.2	11.3
WSW	.1	.5	2.3	2.5	.8	.2	.0					6.8	11.6
W	.1	1.3	1.4	1.5	.5	.2	.0					4.9	11.0
WNW	.1	1.0	.9	.6	.2	.0	.0					2.8	8.9
NW	.1	1.1	1.9	.9	.2	.0	.0	.1				4.1	9.4
NNW		.8	1.3	.7	.4	.1	.1	.0				3.4	11.0
VARBL													
CALM												1.1	
	.9	13.8	34.3	32.9	13.1	3.6	.3	.1				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 5956

...AL CLIMATOLOGY BRANCH
...ETAC
AT... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	3.2	3.1	1.8	.4	.1					10.6	12.1
NNE		.4	1.2	1.7	1.0							4.3	12.4
NE	.1	.8	1.2	1.4	.6							4.2	10.5
ENE		1.0	.8	.3								2.1	7.3
E	.1	.4	1.2	.8								2.6	9.1
ESE			1.0	.6								1.5	9.6
SE		.3	1.1	.8								2.2	9.9
SSE		.7	2.1	1.4		.1						4.3	9.9
S		1.2	5.3	7.1	1.7	.4						15.7	11.6
SSW		.6	4.7	4.2	.7	.4						10.6	11.5
SW		2.1	6.8	3.6	1.5							14.0	10.4
WSW		1.2	5.1	2.4	.8							9.6	9.7
W	.1	1.5	2.1	1.0	.1	.3	.1					5.3	9.7
WNW		1.5	1.8	.8								4.2	8.1
NW		1.1	1.5	1.2	.3							4.2	9.7
NNW		.6	1.9	.6	.4	.1	.1					3.7	11.1
VARBL													
CALM												1.5	
	.4	14.9	41.2	30.8	8.9	1.8	.4					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...SFETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	3.2	3.6	1.1	.3						9.0	12.3
NNE		.8	1.2	2.1	1.0		.1					5.3	12.3
NE	.1	.1	.6	.7	.1							1.7	11.0
ENE	.1	.3	.3	.4								1.1	8.4
E		.6	1.2	.4								2.2	8.5
ESE		.1	.6	.1								1.1	8.5
SE		.4	.6	.3								1.2	8.7
SSE	.1	.7	1.2	1.1	.3							3.5	9.9
S		.4	5.7	4.3	.3							10.7	10.7
SSW		1.0	3.9	5.4	1.0							11.2	11.2
SW	.1	1.8	8.2	4.6	.8							15.6	9.9
WSW		1.2	4.0	2.1	.8							8.2	10.1
W		2.8	2.6	.8	.1							6.4	8.0
WNW	.3	2.2	1.5	.8	.1	.6						5.6	9.1
NW		1.9	4.7	2.2	.6	.1						9.4	9.6
NNW		.8	2.6	2.9	.7	.1						7.2	11.2
VARBL													
CALM												.6	
	.8	16.0	42.5	31.9	6.9	1.1	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
...47	...AMARILLO MAP TX	73-80	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ...600-...000

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	3.5	5.0	1.2	.3	.3					12.5	11.7
NNE		.4	1.2	1.9	.1							3.7	11.3
NE	.1		.4	.7	.4							1.7	13.1
ENE				.1	.1	.1						.4	20.0
E	.1		.6	.3								1.0	9.3
ESE		.1	.7	.1								1.0	8.6
SE		.6	.8	1.1								2.5	9.4
SSE	.1	.4	1.1	.4	.1							2.2	6.9
S		1.1	3.9	4.6	.6							10.1	10.7
SSW	.3	1.3	2.6	3.1	.4							7.4	10.1
SW	.1	1.5	7.9	4.4	1.0							15.0	10.1
WSW		2.6	3.3	1.8	.6							8.3	8.9
W		2.1	2.1	.8	.8							6.8	8.4
WNW		2.1	1.8	.3	.3							4.4	7.6
NW		2.9	6.0	3.7	.1							12.8	9.6
NNW		1.5	4.6	2.2	.6	.1						9.0	10.0
VARBL													
CALM												1.1	
	1.0	19.4	40.6	30.7	6.4	.6	.3					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47	AMARILLO MAP TX	73-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	3.2	6.0	2.1	.6						13.2	12.7
NNE		.7	1.8	1.7	2.1	.4						6.8	14.2
NE		.6	.4	1.1	1.1							3.2	13.8
ENE	.1		.3	.3	.1							.8	10.3
E	.1	.3	.7									1.1	7.5
ESE			1.0	1.0								1.9	10.4
SE		.1	.4	1.0	.1							1.7	11.9
SSE		.3	1.5	.7	.3	.1						2.9	10.6
S	.1	.6	1.5	3.2	1.5	.1						7.1	12.6
SSW	.1	.8	2.2	1.8	1.4	.8	.3					7.5	13.7
SW	.1	1.4	1.8	5.1	2.4							10.8	12.7
WSW		1.2	2.2	4.4	1.9	.8						10.7	13.3
W		1.2	1.9	1.7	.7	.3	.1					6.0	11.5
WNW	.1	.7	3.2	1.2								5.3	8.9
NW	.1	2.1	3.7	4.3	.6							10.8	10.1
NNW	.1	1.2	3.1	2.0	2.5	1.0						10.8	13.1
VARBL													
CALM												.3	
	1.4	12.1	28.2	36.4	16.8	4.4	.4					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2147 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.6	7.9	3.5	1.5	.4					17.2	14.5
NNE		.4	1.7	2.5	1.4							6.0	12.7
NE		.8	.4	2.1	.4							3.7	11.9
ENE		.3	.7	.3		.1						1.4	10.7
E		1.1	1.1	1.0								3.2	9.1
ESE	.3	.4	.7	.6								1.9	7.9
SE	.1	.1	.3	.3	.3							1.1	10.9
SSE	.1	.1	1.0	1.0	.3							2.5	10.9
S		.4	1.9	3.9	2.6	.6						9.4	13.9
SSW		.7	1.9	3.9	3.5	.8						10.8	14.6
SW	.1	.6	1.2	2.5	3.7	1.2						9.4	16.0
WSW		.3	1.4	3.5	1.9	1.2	.6					8.9	16.3
W	.1	.1	1.6	2.8	1.4	1.0	.4					7.6	14.9
WNW		.6	1.7	1.1	.3	.1						3.7	10.9
NW	.4	.8	1.5	2.6		.1						5.6	10.2
NNW	.1	.6	1.5	1.7	1.0	1.4						6.2	14.6
VARBL													
CALM												1.1	
	1.4	8.5	21.7	37.5	20.3	8.2	1.4					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

...AL CLIMATOLOGY BRANCH
...ETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

...47	AMARILLO MAP TX	72-80	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	3.2	4.7	2.5	1.4	.3					13.7	13.6
NNE	.1	.9	1.4	2.1	2.1	.4						7.9	12.0
NE		.4	1.1	2.2								3.7	10.7
ENE		.3	.4	.1								.8	8.7
E	.1	.7	.7	.7								2.2	8.7
ESE		.6	1.1	.4								2.1	8.6
SE	.1	1.0	1.5	1.0	.3							3.9	9.6
SSE		.4	2.9	2.2	.7							6.2	11.7
S	.4	.7	2.6	3.9	3.6	.6						11.8	13.2
SSW		1.3	2.1	3.9	1.2	.4						9.6	12.9
SW		.4	2.4	5.0	2.1	.4	.4					10.7	14.0
WSW		.3	1.8	3.3	2.5	1.4						9.3	15.0
W		.8	1.5	1.7	1.1	1.2	.3	.1				6.8	15.3
WNW		.9	1.1	.8	.1							2.9	9.2
NW	.1	.7	1.2	.8	.4							3.3	9.4
NNW		.6	.7	1.8	.8	.7	.3					4.9	15.2
VARBL													
CALM												1.2	
	1.2	11.1	25.8	35.7	17.5	6.5	1.2	.1				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 723

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 — STATION
AMARILLO MAP TX — STATION NAME
73-85 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1800-2100 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	2.2	1.9	2.6	.4	.3					8.5	14.5
NNE	.3	1.2	2.5	2.9	.3	.1						7.4	10.2
NE	.3	1.4	2.5	.8	.1							5.6	8.2
ENE		.4	1.2	.8								2.5	9.1
E		.3	1.0	.6								1.9	8.5
ESE		.3	1.5	1.8	.1							3.7	10.4
SE		1.0	2.2	1.9	.1							5.1	7.8
SSE		.7	4.6	3.9	.1							9.3	14.2
S	.1	3.2	7.4	6.4	2.5							19.6	10.5
SSW	.1	1.6	4.7	3.1	.7	.1						10.7	9.8
SW		1.0	4.2	1.7	.4							7.2	9.7
WSW	.1	1.1	1.5	.8								3.6	8.5
W		1.1	.8	1.5	.7	.4	.1					4.7	12.8
WNW		1.1	.7	.7	.1							2.6	9.2
NW	.1	.7	.4	.3								1.5	7.2
NNW	.3	.7	.6	.3	.1	.6	.3					2.8	13.2
VARBL													
CALM												3.3	
	1.5	17.4	38.1	29.3	8.1	1.7	.7					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 77-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

2100-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.5	2.2	1.5	.4	.4					6.9	14.3
NNE	.3	.7	2.5	2.1	.9	.4						6.5	11.7
NE		.9	2.1	1.1	.1							4.2	9.4
ENE	.1	.7	1.0	.4	.3							2.5	9.7
E	.1	.9	1.5	1.4	.1							4.0	9.1
ESE		.6	1.2	.8	.4							3.1	10.5
SE		.3	2.2	1.5								4.0	10.0
SSE		.4	2.9	3.1	.6	.1						7.1	11.6
S		2.1	6.9	7.2	2.6	.6						19.4	11.7
SSW	.1	1.7	3.7	2.9	1.4	.3						10.1	10.9
SW		3.1	4.9	2.6	.7							11.2	9.1
WSW	.1	.9	2.6	1.4	.4							5.4	10.0
W	.1	2.1	2.2	.7	.1	.3	.1					5.7	9.1
WNW	.1	.7	1.2	1.1								3.2	9.1
NW		.5	.6	.6								1.7	6.3
NNW		1.0	.7	.7		.9						3.2	12.9
VARBL													
CALM												1.4	
	1.2	16.9	37.9	29.9	9.2	2.9	.6					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 7...

...AL CLIMATOLOGY BRANCH
...ETAC
...AFAT-PA SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.2	2.8	4.3	2.0	.7	.2					11.4	13.2
NNE	.1	.7	1.6	2.2	1.1	.2	.0					5.9	14.3
NE	.1	.7	1.1	1.3	.4							3.6	10.5
ENE	.1	.4	.6	.3	.1	.0						1.5	9.3
E	.1	.5	1.0	.6	.0							2.3	8.7
ESE	.0	.3	1.0	.7	.1							2.0	9.6
SE	.0	.5	1.1	1.0	.1							2.7	9.5
SSE	.1	.5	2.2	1.7	.3	.1						4.8	10.5
S	.1	1.2	4.4	5.1	1.9	.3						13.0	11.8
SSW	.1	1.1	3.2	3.5	1.3	.4	.0					9.6	11.5
SW	.1	1.5	4.7	3.7	1.6	.2	.1					11.8	11.3
WSW	.0	1.1	2.8	2.5	1.1	.4	.1					8.0	11.9
W	.1	1.6	1.9	1.4	.6	.4	.2	.0				6.2	11.3
WNW	.1	1.2	1.6	.9	.1	.1						4.0	9.9
NW	.1	1.3	2.5	2.0	.2	.0						6.2	9.5
NNW	.1	.9	2.0	1.6	.8	.6	.1					6.0	12.5
VARBL													
CALM												1.3	
	1.1	14.5	34.5	32.8	11.8	3.4	.6	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 5760

TL BAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	2.4	4.2	2.7		.3					11.4	12.6
NNE	.1	.5	1.1	1.6	1.5	.1						5.0	13.2
NE		.5	1.2	.3	.3	.1						2.4	10.4
ENE	.1				.1							.2	12.3
E	.1	.9	.9	.1								2.2	6.8
ESE	.1	.4	.1									.7	5.4
SE		.8	.7	.1								1.6	7.2
SSE			1.1	1.1	.1							2.3	10.2
S	.1	1.6	4.4	3.2	.9							10.3	10.2
SSW		1.1	5.4	3.5	.3							10.2	10.1
SW	.1	1.6	6.7	5.2	1.6							15.3	10.5
WSW		2.2	6.3	3.0	1.2	.3						12.9	10.3
W	.1	2.3	2.8	1.3	1.6	.4						8.6	10.7
WNW		.8	2.8	1.2	.1							5.0	9.2
NW		.9	3.5	2.0	.4	.1	.1					7.1	10.5
NNW	.1	1.3	1.6	.5	.3							3.9	8.2
VARBL													
CALM												.8	
	1.1	16.9	41.1	27.4	11.2	1.1	.4					100.2	10.4

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 77-80 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0600

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	2.6	5.3	2.8	.7	.3					12.7	13.6
NNE		.5	.7	1.5	.4	.4						3.5	12.7
NE		.7	.3	.3	.7							1.9	11.5
ENE			.4	.1								.5	10.3
E		.5	.3									.8	6.8
ESE		.4										.4	4.7
SE		.3	.3									.6	6.8
SSE		.5	.4	.4								1.3	6.2
S		.5	3.1	1.5	.5							5.7	10.3
SSW		.5	3.5	2.2	.7	.3						7.1	11.3
SW	.3	1.6	9.3	5.5	1.5	.1						18.3	10.2
WSW	.1	1.8	6.3	5.1	1.2							14.6	10.5
W	.1	2.3	3.2	1.9	.8	.5						8.9	10.2
WNW		2.4	3.0	1.2	.4	.1						7.1	9.0
NW	.1	1.5	7.0	2.7	.3							11.6	9.3
NNW	.1	.9	1.5	1.3	.3							4.2	10.2
VARBL													
CALM												.6	
	.9	15.5	41.8	29.0	9.6	2.2	.3					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 742

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...TAL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047	AMARILLO MAP TX	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2600-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.4	4.6	2.6	.7	.1	.1				12.9	13.3
NNE		.5	1.3	2.0	.9	.4	.1					5.4	13.4
NE		.3	.5	1.2	.3							2.3	11.5
ENE		.1	.1									.3	6.5
E		.1										.1	4.0
ESE		.1	.5									.7	7.2
SE		.3	.7	.4								1.3	8.8
SSE		.3	.3	.4								.9	9.6
S		.4	2.0	.7	.3							3.4	9.9
SSW		1.5	2.8	1.6	1.2	.1						7.3	11.0
SW		1.3	6.7	4.8	.1	.1						13.2	10.3
WSW	.1	2.0	5.1	3.2	.9	.3	.1					11.8	10.5
W		3.4	3.8	1.9	.3	.8						10.1	9.7
WNW	.3	1.9	3.5	1.3	.4							7.4	8.5
NW		1.7	7.5	3.2	.4	.3						13.2	9.7
NNW		1.3	2.6	2.2	1.1							7.1	10.7
VARBL													
CALM												2.7	
	.5	16.4	40.9	27.8	8.5	2.7	.4	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	2.6	6.5	3.9	1.5	.3	.1				16.3	15.6
NNE	.1	.1	.7	2.0	1.3	.7						5.0	15.3
NE		.3	.3	1.6	.9							3.1	13.6
ENE		.2	.1	.8								1.2	11.0
E		.1	.3	.3								.7	9.4
ESE		.1	.4									.5	7.3
SE			.1	.3								.4	12.0
SSE		.3	.4	.4	.1							1.2	11.0
S	.1	1.1	1.3	1.1	1.1							4.7	10.9
SSW		.4	1.1	1.2	2.0	.5						5.2	15.0
SW	.3	2.0	3.1	4.2	1.7	.1						11.4	11.4
WSW	.3	1.3	3.0	3.4	2.2	.5						10.6	12.2
W		1.6	3.4	1.6	1.2	.5	.4					8.7	12.3
WNW	.3	1.6	2.8	3.1	.7		.1					8.6	10.8
NW		2.0	5.5	4.7	.7	.1						13.1	10.4
NNW	.1	.8	2.4	2.7	.9	.5						7.5	12.1
VARBL													
CALM												1.9	
	1.2	13.3	27.5	33.8	16.8	4.6	.8	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 743

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
ETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 | AMARILLO MAP TX | 73-80 | DEC
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1200-1400
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	4.0	7.4	3.2	1.5	.3					17.2	13.9
NNE		.5	1.1	3.0	3.4	1.2						9.1	16.9
NE		.3	.7	1.5	.4	.5						3.4	14.3
ENE		.3	.1	1.1	.1							1.6	11.4
E		.1	.7	.5								1.3	10.6
ESE		.4	.1	.1								.7	8.4
SE		.4	.3									.7	7.2
SSE		.3	.3	.4								1.2	8.2
S	.1	.7	1.3	2.6	1.5	.5						6.7	13.6
SSW		.7	1.6	2.8	2.7	.9						8.7	15.2
SW		.9	1.3	3.8	2.7	1.7	.3					10.6	15.8
WSW		.1	1.6	2.2	2.4	1.5	.3					8.1	15.6
W		.3	1.7	2.7	2.3	.7	.3					7.9	13.9
WNW		.4	1.7	1.9	.4	.4	.1					5.0	12.5
NW	.3	.7	3.2	2.8	.8	.5						8.3	11.8
NNW		.5	1.7	3.4	2.0	1.3						9.0	15.0
VARBL													
CALM												.4	
	.4	7.5	21.6	36.0	21.9	10.9	1.2					100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23047 AMARILLO MAP TX 73-80 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 1300-1700

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	4.3	6.9	4.4	1.1						18.4	13.3
NNE	.1	.5	2.2	3.2	3.5	.9						10.5	14.6
NE		1.5	1.3	1.9	.5							5.2	10.3
ENE	.3	.5		.9	.3							2.0	10.3
E		.4	.4	.5								1.3	9.5
ESE		.4	.7									1.1	6.8
SE		.4	.3									.7	6.6
SSE		.4	.1	.7	.3							1.5	11.5
S		.9	2.4	3.9	2.0	.7	.3					10.2	13.5
SSW		.7	.7	4.3	1.9	.8						8.3	14.7
SW		.5	2.6	3.9	2.0	1.2	.1					10.3	14.3
WSW	.3	.1	.9	2.8	2.3	.7						7.0	15.3
W		.3	1.3	2.3	1.1	1.1	.1					6.2	14.7
WNW		1.1	2.2	1.9	.4	.1						5.6	10.5
NW		1.7	.9	.5	.3	.3						3.8	9.2
NNW	.3	1.2	1.9	1.7	.8	.8						6.7	11.8
VARBL													
CALM												1.1	
	1.1	12.4	22.0	35.5	19.8	7.7	.5					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
1800-2800 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.1	3.4	2.3	1.9	.4	.4					11.4	11.5
NNE	.4	.4	3.5	3.6	1.2	.8						10.3	12.4
NE		.9	2.3	1.7								5.0	9.3
ENE	.1	.3	1.9	.7								3.1	8.3
E		1.5	1.1	1.1	.1							3.8	9.0
ESE	.4	.9	.7									2.0	5.4
SE		.3	2.0	.1								3.0	7.9
SSE	.1	.3	3.4	2.6	.8							7.1	11.1
S	.1	1.9	5.6	5.0	1.5							14.1	10.7
SSW		1.5	4.2	3.4	.8							9.8	10.2
SW	.1	2.2	3.9	2.2	.3							8.6	9.2
WSW		.7	2.3	1.5	.1	.1	.1					4.8	10.4
W		1.5	1.1	.7	.7							3.9	10.0
WNW		1.1	.9		.1							2.2	7.4
NW	.1	1.3	1.3	.4								3.2	7.0
NNW	.1	1.1	1.1	1.2	.4							3.9	10.0
VARBL													
CALM												3.8	
	1.6	20.3	38.2	26.3	7.9	1.3	.5					100.3	9.7

TOTAL NUMBER OF OBSERVATIONS 744

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2...47 STATION — AMARILLO MAP TX STATION NAME — 73-90 YEARS — OLC MONTH

ALL WEATHER CLASS — 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	2.6	3.0	2.2	.7	.3					10.8	13.0
NNE		.5	2.8	2.8	1.3	.4						7.9	12.1
NE		.5	.8	.9	.3							2.6	10.5
ENE		.8	.8	.7								2.3	9.0
E	.1	1.2	1.6	.5								3.5	7.9
ESE			.4									.4	7.3
SE	.1	1.3	.9		.1							2.6	7.1
SSE		.4	2.6	1.7	.4	.3						5.4	10.9
S		1.6	5.8	5.9	.4	.1						13.8	10.6
SSW		2.3	5.4	3.1	1.1	.3						12.1	10.3
SW		2.4	6.9	4.4	1.2							14.9	11.3
WSW		1.7	2.3	1.7	.5							6.3	9.7
W	.1	1.7	1.5	.7	.5	.1						4.7	9.3
WNW	.1	1.1	.8	.4	.1							2.6	7.9
NW	.1	1.2	2.7	1.1	.3							5.4	9.1
NNW		1.1	1.2	.3	.1							2.7	8.4
VARBL													
CALM												2.2	
	.2	20.2	32.0	27.3	8.6	1.9	.3					100.6	10.1

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L FAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47	AMARILLO MAP TX	73-80	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.6	3.1	5.0	3.0	.8	.2	.0				13.9	13.4
NNE	.1	.9	1.7	2.5	1.7	.6	.0					7.1	13.3
NE		.6	.9	1.2	.4	.1						3.2	11.3
ENE	.1	.4	.4	.5	.1							1.4	9.7
E	.0	.6	.7	.4	.0							1.7	8.4
ESE	.1	.4	.4	.0								.6	6.3
SE	.0	.5	.7	.1	.0							1.3	7.7
SSE	.0	.3	1.1	1.0	.2	.0						2.6	10.6
S	.1	1.1	3.3	3.0	1.0	.2	.0					8.6	11.2
SSW		1.1	3.1	2.8	1.3	.4						8.6	11.9
SW	.1	1.6	5.1	4.3	1.4	.4	.1					12.9	11.3
WSW	.1	1.2	3.5	2.9	1.4	.4	.1					9.5	11.7
W	.1	1.7	2.4	1.6	1.1	.5	.1					7.4	11.5
WNW	.1	1.3	2.2	1.4	.3	.1	.0					5.4	9.8
NW	.1	1.4	4.0	2.2	.4	.2	.0					8.2	9.9
NNW	.1	1.0	1.7	1.7	.7	.3						5.6	11.5
VARBL													
CALM												1.7	
	.9	15.3	34.0	30.4	13.0	4.0	.6	.0				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 5949

L AL CLIMATOLOGY BRANCH
ETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-81 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.1	3.0	1.6	.7	.1	.0				8.5	15.4
NNE	.2	.5	1.2	1.6	.9	.3	.0	.0				4.8	13.1
NE	.1	.5	1.1	1.2	.4	.1		.0				3.3	11.3
ENE	.0	.4	.9	.7	.1	.0	.0					2.3	10.0
E	.1	.5	1.3	.9	.1	.0	.0					2.9	9.8
ESE	.0	.4	1.2	.8	.2	.0	.0					2.6	10.1
SE	.0	.6	1.8	1.9	.5	.1	.0					4.9	11.3
SSE	.0	.6	2.5	3.0	.9	.2	.0	.0				7.2	11.9
S	.1	1.2	4.9	8.0	3.2	.6	.1	.0				18.3	12.9
SSW	.0	.9	3.2	4.6	1.9	.4	.0					11.1	12.6
SW	.1	1.0	3.8	4.0	1.5	.3	.0	.0				10.7	11.9
WSW	.0	.7	2.0	2.1	.9	.3	.1	.0				6.2	12.4
W	.1	.9	1.3	1.3	.7	.4	.2	.0				4.9	12.6
WNW	.0	.6	1.3	.8	.3	.2	.0	.0				3.4	12.7
NW	.1	.8	1.9	1.3	.2	.1	.0	.0				4.5	10.2
NNW	.0	.5	1.2	1.0	.4	.2	.1	.0	.0	.0		3.6	12.0
VARBL													
CALM												1.1	
	.7	11.5	31.8	36.1	13.8	4.2	.7	.1	.0	.0		100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 75114

...AL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
4...	...APILLO MAP TX	7?-81	ALL

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	3.0	8.0	6.0	2.5	.5	.0				21.1	1...5
NNE	.0	.5	2.1	6.0	3.7	.9	.1					13.2	14.4
NE	.3	.6	1.9	2.7	1.3	.3						6.9	12.6
ENE	.0	.6	1.3	1.4	.4	.0						3.7	1...7
E	.0	.9	2.0	1.5	.2	.0						4.7	12.6
ESE	.0	.5	1.5	1.3	.3	.0						3.6	12.6
SE	.0	.7	1.7	2.4	.9	.2	.0					6.1	12.2
SSE	.1	.7	1.6	2.6	1.4	.4	.0					6.1	12.6
S	.1	.6	3.2	6.5	3.0	.4						13.9	12.3
SSW	.0	.4	1.4	2.8	1.2	.2	.0					6.0	12.1
SW	.0	.3	1.1	1.3	.7	.1						3.4	12.5
WSW	.0	.2	.4	.3	.1		.0					1.1	10.0
W	.0	.3	.3	.1	.0	.0	.0	.1				.9	13.0
WNW	.0	.2	.1	.2	.1	.0	.0	.1				.8	13.4
NW	.0	.4	.9	.6	.3	.2	.1	.1				2.7	12.9
NNW	.1	.3	.9	.9	.6	.3	.2	.1		.0		3.4	13.0
VARBL													
CALM												.7	
	.7	8.1	23.8	39.7	20.1	5.6	1.0	.4		.0		100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 1...9...

USAFETAC FORM JUL 74 -8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

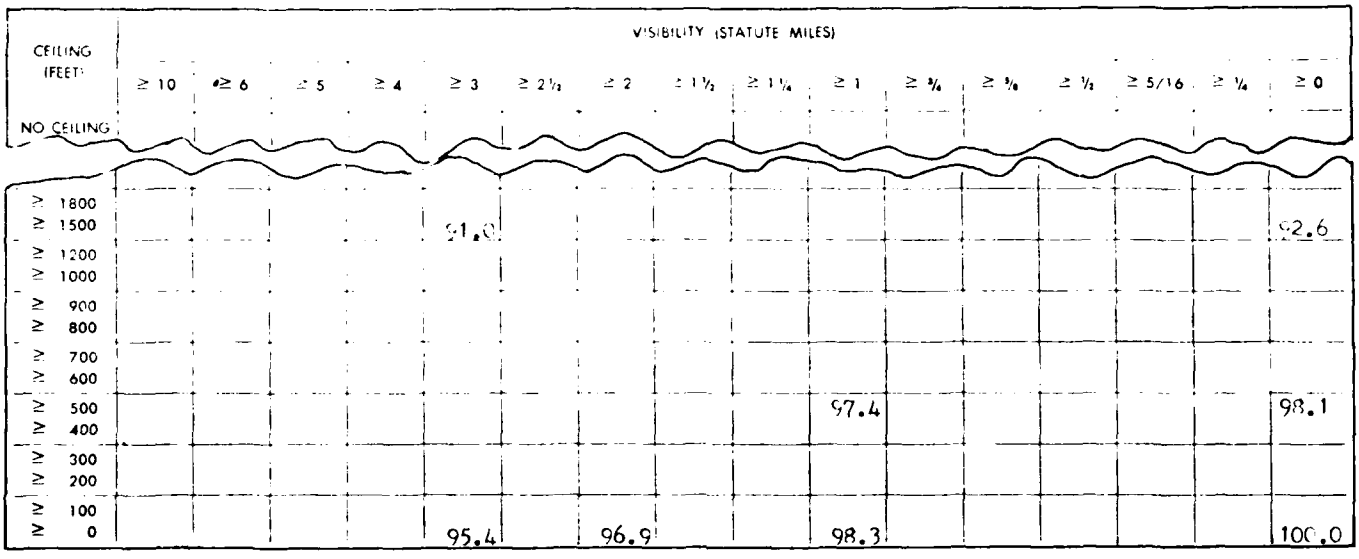
D

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	AMARILLO MAP TX	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.8	63.7	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	69.0	70.0	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	69.0	70.0	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	69.0	70.0	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	69.5	70.6	71.0	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000	70.4	71.5	71.9	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	72.6	73.9	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	72.6	73.9	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	73.5	75.0	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	74.2	75.7	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	74.9	76.3	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	75.8	77.6	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	76.3	78.1	78.5	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	76.7	78.6	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	77.2	79.0	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	77.4	79.4	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	78.1	80.2	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	78.8	80.9	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	79.2	81.3	81.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	80.1	82.5	82.9	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1200	80.8	83.2	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	81.0	83.7	84.3	85.1	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 900	81.3	84.4	85.1	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	81.5	84.7	85.3	86.2	86.4	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 700	81.9	85.3	86.2	87.1	87.4	87.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 600	82.4	86.2	87.4	88.3	88.6	88.7	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 500	82.4	86.4	87.9	89.2	89.5	89.7	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 400	82.8	87.6	89.5	91.1	91.8	91.9	92.1	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 300	82.8	88.2	90.1	92.2	93.3	93.4	93.8	94.0	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	82.8	88.2	90.1	92.3	93.5	93.7	94.1	94.8	94.9	96.5	96.5	96.5	96.9	97.0	97.2	97.2
≥ 100	82.8	88.2	90.1	92.3	93.5	93.7	94.1	94.8	94.9	96.8	97.0	97.0	97.7	97.8	98.8	99.3
≥ 0	82.8	88.2	90.1	92.3	93.5	93.7	94.1	94.8	94.9	96.8	97.0	97.0	97.7	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.9	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
≥ 20000	68.1	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5
≥ 18000	68.3	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 16000	68.3	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6
≥ 14000	68.8	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2
≥ 12000	69.4	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 10000	71.8	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4
≥ 9000	71.9	72.8	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5
≥ 8000	73.9	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.7
≥ 7000	74.3	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.1
≥ 6000	75.1	76.2	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 5000	75.7	77.2	77.3	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 4500	75.9	77.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.4
≥ 4000	76.6	78.1	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 3500	77.8	79.3	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3000	78.4	79.8	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 2500	78.8	80.2	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 2000	79.4	81.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1800	79.4	81.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1500	80.0	81.7	82.1	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 1200	81.0	83.1	83.6	84.5	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
≥ 1000	81.6	84.1	84.7	85.6	85.6	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.2
≥ 900	81.9	84.4	84.9	85.9	85.9	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 800	82.3	85.3	85.9	86.8	86.8	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 700	82.7	86.0	86.6	87.6	87.6	87.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2
≥ 600	82.9	86.4	87.2	88.3	88.3	88.3	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 500	82.9	86.8	87.8	88.8	88.8	88.8	89.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 400	83.5	87.9	89.0	90.2	90.2	90.2	90.7	91.3	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 300	83.5	88.3	89.4	91.1	91.5	91.5	92.2	92.9	92.9	93.7	93.8	93.8	93.8	93.8	93.8	94.0
≥ 200	83.5	88.6	89.7	91.4	91.9	91.9	92.6	93.5	93.5	95.2	95.6	95.6	95.6	95.6	95.6	96.1
≥ 100	83.5	88.6	89.7	91.4	92.1	92.1	92.9	93.8	93.8	95.8	96.2	96.2	96.2	96.5	98.0	99.5
≥ 0	83.5	88.6	89.7	91.4	92.1	92.1	92.9	93.8	93.8	95.8	96.2	96.2	96.2	96.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	AMARILLO MAP TX	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	½	≥¼	≥5/16	≥⅛	0
NO CEILING	59.5	60.6	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 20000	64.4	65.9	66.4	66.5	66.5	66.5	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.1	67.1
≥ 18000	64.5	66.0	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.2
≥ 16000	64.5	66.0	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.2
≥ 14000	65.9	67.3	67.9	68.0	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 12000	66.8	68.3	69.0	69.1	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 10000	69.1	70.6	71.2	71.4	71.4	71.4	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9
≥ 9000	69.8	71.5	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 8000	72.0	74.3	75.0	75.1	75.1	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.7	75.7
≥ 7000	72.2	74.5	75.1	75.3	75.3	75.3	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.9	75.9
≥ 6000	72.6	74.9	75.8	75.9	75.9	75.9	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.6	76.6
≥ 5000	74.1	76.6	77.7	77.8	77.8	77.8	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.5	78.5
≥ 4500	74.1	76.7	77.8	78.0	78.0	78.0	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6
≥ 4000	74.7	77.4	78.5	78.6	78.6	78.6	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.4	79.4
≥ 3500	75.7	78.4	79.4	79.7	79.7	79.7	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 3000	75.9	78.6	79.8	80.4	80.4	80.4	80.6	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.2	81.2
≥ 2500	76.1	78.9	80.1	80.6	80.6	80.6	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.5	81.5
≥ 2000	77.6	80.6	81.9	82.4	82.5	82.5	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.3	83.3
≥ 1800	77.7	80.8	82.0	82.5	82.7	82.7	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 1500	78.1	81.2	82.5	83.1	83.2	83.2	83.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1200	78.9	82.0	83.3	83.9	84.1	84.1	84.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 1000	79.8	82.9	84.4	84.9	85.3	85.3	85.6	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 900	80.4	83.5	84.9	85.5	86.0	86.0	86.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	87.0	87.0
≥ 800	80.6	83.9	85.5	86.0	86.6	86.6	86.8	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 700	81.2	84.8	86.4	87.0	87.5	87.5	87.8	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 600	81.3	85.3	87.1	87.8	88.3	88.3	88.6	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.4	89.4
≥ 500	81.3	85.5	87.2	88.0	88.6	88.6	88.8	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 400	81.6	86.0	87.9	88.7	89.5	89.5	90.2	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 300	81.6	86.2	88.0	89.2	90.1	90.3	91.0	91.7	91.7	92.6	92.7	92.7	92.7	92.7	92.9	92.9
≥ 200	81.6	86.3	88.3	89.7	90.5	90.7	91.5	92.5	92.6	93.8	94.8	94.8	95.3	95.3	95.8	96.1
≥ 100	81.6	86.3	88.3	89.7	90.5	90.7	91.5	92.5	92.6	94.2	95.3	95.3	96.1	96.2	98.1	99.2
≥ 0	81.6	86.3	88.3	89.7	90.5	90.7	91.5	92.5	92.6	94.2	95.3	95.3	96.1	96.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.2	57.8	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.9
≥ 20000	62.1	64.2	65.1	65.3	65.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.4
≥ 18000	62.2	64.4	65.2	65.5	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.5
≥ 16000	62.8	65.1	65.9	66.1	66.4	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.2
≥ 14000	63.6	65.9	66.7	66.9	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0
≥ 12000	65.2	67.5	68.3	68.5	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.6
≥ 10000	67.6	70.0	70.8	71.1	71.4	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.2
≥ 9000	67.7	70.3	71.1	71.4	71.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.4
≥ 8000	70.2	73.3	74.1	74.3	74.7	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.5
≥ 7000	70.6	73.8	74.7	75.1	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.3
≥ 6000	70.8	74.2	75.1	75.5	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 5000	71.9	75.3	76.2	76.6	77.0	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.8
≥ 4500	72.0	75.5	76.6	77.0	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
≥ 4000	72.6	76.1	77.4	77.8	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
≥ 3500	73.0	76.5	77.8	78.2	78.6	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.6
≥ 3000	73.1	76.6	78.1	78.6	79.0	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0
≥ 2500	73.1	76.6	78.1	78.6	79.0	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0
≥ 2000	74.2	78.1	80.0	80.6	81.2	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.5
≥ 1800	74.3	78.2	80.1	80.8	81.3	81.7	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 1500	74.7	79.0	80.9	81.6	82.3	82.7	83.1	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.9
≥ 1200	75.4	80.0	81.9	82.5	83.3	83.7	84.1	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	85.1
≥ 1000	75.4	80.0	81.9	82.5	83.3	83.7	84.1	84.5	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.5
≥ 900	75.5	80.2	82.1	82.8	83.6	84.0	84.4	85.1	85.1	85.9	85.9	85.9	85.9	85.9	85.9	86.3
≥ 800	75.9	80.8	82.7	83.3	84.1	84.5	84.9	85.6	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 700	75.9	81.2	83.3	84.0	84.8	85.2	85.8	86.4	86.4	87.4	87.4	87.4	87.4	87.4	87.4	87.8
≥ 600	76.1	81.3	83.5	84.4	85.3	85.8	86.3	87.1	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.6
≥ 500	76.1	81.5	83.6	84.5	85.6	86.0	86.7	87.6	87.6	88.8	88.8	88.8	88.8	88.8	88.8	89.2
≥ 400	76.1	81.5	83.6	84.5	85.6	86.3	87.6	88.8	88.8	90.1	90.1	90.1	90.3	90.3	90.3	91.0
≥ 300	76.2	81.7	83.9	84.8	85.9	86.6	88.3	89.9	89.9	91.7	92.1	92.1	92.6	92.6	92.6	93.3
≥ 200	76.2	81.7	83.9	84.9	86.2	86.8	88.6	90.7	90.7	92.7	93.3	93.3	94.2	94.5	95.8	96.6
≥ 100	76.2	81.7	83.9	84.9	86.2	86.8	88.6	90.7	90.7	92.7	93.3	93.3	95.0	95.3	98.4	99.6
≥ 0	76.2	81.7	83.9	84.9	86.2	86.8	88.6	90.7	90.7	92.7	93.3	93.3	95.0	95.3	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	60.6	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 20000	67.3	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5
≥ 18000	67.6	69.2	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8
≥ 16000	68.3	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 14000	68.8	70.6	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 12000	70.6	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.0
≥ 10000	72.7	74.7	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
≥ 9000	72.7	74.7	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
≥ 8000	75.8	78.2	78.4	78.5	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.2	79.2
≥ 7000	76.1	78.8	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.8	79.8
≥ 6000	76.9	79.6	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 5000	77.3	80.0	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 4500	77.6	80.2	80.5	80.6	80.9	80.9	80.9	80.9	80.	81.2	81.2	81.2	81.2	61.2	81.3	81.3
≥ 4000	78.0	81.2	81.5	81.6	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 3500	78.2	81.5	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 3000	78.5	81.7	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 2500	78.9	82.5	82.8	82.9	83.2	83.2	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 2000	79.4	83.3	83.7	83.9	84.1	84.1	84.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 1800	79.4	83.3	83.7	84.0	84.3	84.3	84.4	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.9	84.9
≥ 1500	80.2	84.4	84.9	85.3	85.6	85.6	85.8	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 1200	80.6	85.5	86.4	87.0	87.2	87.2	87.4	87.6	87.6	87.9	87.9	87.9	87.9	87.9	88.0	88.0
≥ 1000	81.0	86.4	87.4	87.9	88.4	88.7	89.0	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 900	81.2	86.8	87.8	88.4	89.0	89.4	89.9	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 800	81.2	87.2	88.3	89.4	90.1	90.5	91.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.8	91.8
≥ 700	81.2	87.4	88.4	89.9	90.7	91.1	91.8	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 600	81.5	87.8	89.0	90.9	91.8	92.2	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 500	81.5	88.2	89.9	91.8	93.0	93.4	94.5	94.8	94.8	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 400	81.5	88.2	89.9	91.8	93.0	93.4	94.6	95.3	95.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 300	81.5	88.2	89.9	91.8	93.1	93.5	94.9	95.6	95.6	97.4	97.4	97.4	97.6	97.6	97.7	97.7
≥ 200	81.5	88.2	89.9	91.8	93.1	93.5	94.9	95.7	95.7	97.7	97.7	97.7	98.5	98.7	99.2	99.2
≥ 100	81.5	88.2	89.9	91.8	93.1	93.5	94.9	95.8	95.8	97.8	97.8	97.8	98.8	98.9	99.9	100.0
≥ 0	81.5	88.2	89.9	91.8	93.1	93.5	94.9	95.8	95.8	97.8	97.8	97.8	98.8	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	70.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	70.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000	70.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	71.6	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	72.4	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	74.6	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	74.9	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	77.3	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	78.4	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	78.6	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	79.3	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	79.3	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	80.1	82.9	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	80.2	83.3	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	80.6	83.7	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	81.2	84.4	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	82.0	85.3	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	82.3	85.8	86.3	86.7	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	82.5	87.0	87.8	88.3	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	83.1	88.6	89.5	90.1	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	83.2	89.0	89.9	90.6	91.1	91.1	91.1	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	83.2	89.2	90.2	91.0	91.5	91.5	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	83.2	89.5	90.9	92.1	92.7	92.7	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	83.2	89.5	91.3	92.6	93.5	93.5	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	83.2	90.1	91.9	93.3	94.4	94.4	94.8	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	83.2	90.1	91.9	93.3	94.4	94.4	95.0	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	83.2	90.2	92.1	93.5	94.8	94.8	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	83.2	90.2	92.1	93.5	94.8	94.8	95.8	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 200	83.2	90.2	92.1	93.5	94.8	94.8	95.8	96.5	96.5	97.8	97.8	97.8	98.8	98.9	99.1	99.1
≥ 100	83.2	90.2	92.1	93.5	94.8	94.8	95.8	96.5	96.5	97.8	97.8	97.8	98.8	98.9	99.3	99.3
≥ 0	83.2	90.2	92.1	93.5	94.8	94.8	95.8	96.5	96.5	97.8	97.8	97.8	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.8	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	72.8	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	72.8	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	73.1	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	74.3	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	75.4	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 10000	77.4	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	77.4	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	78.9	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	79.6	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	79.7	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 5000	80.8	82.9	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	80.8	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	81.6	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	82.1	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	82.5	85.1	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	82.9	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	83.5	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	83.6	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	84.0	87.1	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200	84.3	88.0	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	84.8	89.1	89.9	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 900	84.9	89.5	90.3	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	85.1	89.9	90.9	91.3	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 700	85.2	90.2	91.5	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	85.3	90.6	92.2	92.7	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 500	85.3	91.1	92.7	94.1	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	85.3	91.3	92.9	94.5	95.3	95.4	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
≥ 300	85.3	91.3	92.9	94.8	95.6	95.7	96.1	96.4	96.4	96.6	96.6	96.6	96.8	96.8	97.0	97.0
≥ 200	85.3	91.3	92.9	94.8	95.6	95.7	96.4	96.6	96.6	97.6	97.6	97.6	98.1	98.1	98.8	98.8
≥ 100	85.3	91.3	92.9	94.8	95.6	95.7	96.4	96.6	96.6	97.6	97.6	97.6	98.4	98.5	99.7	99.9
≥ 0	85.3	91.3	92.9	94.8	95.6	95.7	96.4	96.6	96.6	97.6	97.6	97.6	98.4	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥0
NO CEILING	63.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
≥ 20000	70.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
≥ 18000	70.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 16000	70.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
≥ 14000	72.3	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
≥ 12000	73.7	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3
≥ 10000	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 9000	75.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
≥ 8000	77.2	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
≥ 7000	77.7	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 6000	77.8	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
≥ 5000	78.9	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 4500	79.2	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 4000	79.4	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2
≥ 3500	80.0	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	91.6	81.6	81.7
≥ 3000	80.2	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 2500	80.6	82.1	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 2000	80.9	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5
≥ 1800	81.2	83.1	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
≥ 1500	82.5	84.4	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 1200	83.1	85.5	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1000	83.7	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 900	84.1	86.8	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 800	84.1	87.1	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 700	84.5	87.6	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 600	85.3	88.8	89.9	90.7	90.9	91.0	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 500	85.8	89.8	91.1	91.9	92.1	92.3	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 400	86.0	90.6	92.2	93.0	93.5	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5
≥ 300	86.0	90.9	92.7	94.0	94.5	94.8	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.6
≥ 200	86.0	90.9	92.7	94.0	94.6	94.9	95.2	95.4	95.6	96.4	96.5	96.5	96.6	96.6	96.9	97.0
≥ 100	86.0	90.9	92.7	94.0	94.6	94.9	95.2	95.4	95.6	96.8	97.3	97.3	98.8	98.8	99.6	99.7
≥ 0	86.0	90.9	92.7	94.0	94.6	94.9	95.2	95.4	95.6	96.8	97.3	97.3	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.2	62.2	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8
≥ 20000	68.1	69.5	69.8	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
≥ 18000	68.3	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.5
≥ 16000	68.4	69.9	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 14000	69.4	70.8	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.7
≥ 12000	70.5	72.0	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.9
≥ 10000	72.7	74.4	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.3
≥ 9000	72.9	74.6	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
≥ 8000	74.8	76.8	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 7000	75.4	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.5
≥ 6000	75.8	77.9	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.0
≥ 5000	76.7	78.9	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.1
≥ 4500	76.9	79.2	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4
≥ 4000	77.5	79.9	80.4	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 3500	78.0	80.5	81.0	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.8
≥ 3000	78.3	80.8	81.5	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.3
≥ 2500	78.7	81.3	81.9	82.3	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 2000	79.5	82.3	83.0	83.4	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	
≥ 1800	79.6	82.5	83.2	83.6	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1500	80.3	83.4	84.2	84.7	84.9	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3
≥ 1200	80.9	84.5	85.4	85.9	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.7
≥ 1000	81.3	85.2	86.2	86.7	87.1	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.9
≥ 900	81.6	85.6	86.6	87.2	87.6	87.7	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.5
≥ 800	81.7	86.1	87.2	87.9	88.3	88.4	88.7	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 700	82.0	86.5	87.8	88.6	89.1	89.2	89.5	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 600	82.3	87.1	88.5	89.5	90.1	90.3	90.6	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 500	82.3	87.4	89.0	90.2	90.9	91.0	91.4	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.4
≥ 400	82.5	87.9	89.6	90.9	91.7	91.9	92.6	93.1	93.1	93.7	93.7	93.7	93.7	93.7	93.8	93.9
≥ 300	82.5	88.1	89.9	91.4	92.3	92.6	93.4	94.0	94.0	94.9	95.0	95.0	95.1	95.1	95.2	95.3
≥ 200	82.5	88.2	89.9	91.5	92.5	92.8	93.6	94.5	94.5	96.0	96.2	96.2	96.8	96.8	97.3	97.5
≥ 100	82.5	88.2	89.9	91.5	92.5	92.8	93.7	94.5	94.6	96.2	96.6	96.6	97.5	97.6	99.0	99.6
≥ 0	82.5	88.2	89.9	91.5	92.5	92.8	93.7	94.5	94.6	96.2	96.6	96.6	97.5	97.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.1	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.3	69.3	69.8	69.8
≥ 20000	70.9	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.6	73.6	74.0	74.0
≥ 18000	70.9	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.6	73.6	74.0	74.0
≥ 16000	70.9	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.6	73.6	74.0	74.0
≥ 14000	71.1	73.0	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	74.2	74.2
≥ 12000	71.5	73.5	73.7	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.6	74.6
≥ 10000	73.6	75.5	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.3	76.3	76.7	76.7
≥ 9000	73.7	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.8	76.8
≥ 8000	74.9	76.8	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.6	77.6	78.0	78.0
≥ 7000	75.1	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9	77.9	78.3	78.3
≥ 6000	75.5	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.8	78.8
≥ 5000	75.8	78.0	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.8	78.8	79.2	79.2
≥ 4500	76.4	78.6	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.8	79.8
≥ 4000	76.7	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	80.1	80.1
≥ 3500	77.1	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.5	80.5
≥ 3000	77.1	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.5	80.5
≥ 2500	77.1	79.5	79.8	79.9	80.1	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.5	81.0	81.0
≥ 2000	77.9	80.2	80.7	80.8	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	82.0	82.0
≥ 1800	77.9	80.2	80.7	80.8	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	82.0	82.0
≥ 1500	78.5	81.1	81.6	81.7	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.9	82.9
≥ 1200	79.2	82.0	82.6	83.0	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.8	83.8	84.2	84.2
≥ 1000	79.4	83.0	83.8	84.4	84.7	84.7	84.8	84.8	84.8	85.0	85.0	85.0	85.1	85.1	85.5	85.5
≥ 900	79.5	83.3	84.1	85.0	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.7	85.7	86.1	86.1
≥ 800	79.5	83.5	84.5	85.5	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.3	86.3	86.7	86.7
≥ 700	79.9	84.1	85.1	86.1	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	87.3	87.3
≥ 600	79.9	84.1	85.1	86.3	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.5	87.5
≥ 500	80.2	85.0	86.0	87.5	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.8	88.8
≥ 400	80.5	85.8	87.0	88.8	89.7	89.7	89.8	89.8	89.8	90.3	90.3	90.3	90.4	90.4	90.9	90.9
≥ 300	80.5	85.8	87.0	88.9	90.0	90.0	90.6	90.6	90.6	91.4	91.4	91.4	91.9	91.9	92.3	92.3
≥ 200	80.5	85.8	87.2	89.4	90.6	90.6	91.3	91.3	91.3	92.2	92.3	92.3	93.1	93.1	93.5	93.5
≥ 100	80.5	85.8	87.2	89.4	90.6	90.6	91.4	91.4	91.4	92.6	92.9	92.9	94.0	94.0	96.2	97.9
≥ 0	80.5	85.8	87.2	89.4	90.6	90.6	91.4	91.4	91.4	92.6	93.1	93.1	94.1	94.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 678

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
FEB — MONTH
0300-0500 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.9	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	66.2	66.4
≥ 20000	68.7	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	71.1	71.2
≥ 18000	68.7	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	71.1	71.2
≥ 16000	68.7	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	71.1	71.2
≥ 14000	69.0	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	71.4	71.5
≥ 12000	69.8	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.4	72.1	72.3
≥ 10000	71.5	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.9	74.0
≥ 9000	71.8	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5	74.2	74.3
≥ 8000	73.3	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.7	75.8
≥ 7000	73.3	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.7	75.8
≥ 6000	73.5	74.3	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.8	76.0
≥ 5000	73.6	74.6	75.1	75.2	75.	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	76.1	76.3
≥ 4500	74.2	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.7	76.8
≥ 4000	74.5	75.8	76.5	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.9	78.0
≥ 3500	75.1	76.4	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9	77.9	78.6	78.8
≥ 3000	75.1	76.7	77.6	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.9	79.1
≥ 2500	75.2	77.0	77.[illegible]	78.2	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.6	79.8
≥ 2000	76.0	78.2	79.1	79.5	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.2	80.2	81.0	81.1
≥ 1800	76.3	78.5	79.4	79.8	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.5	81.3	81.4
≥ 1500	76.4	78.8	79.6	80.2	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.7	81.9
≥ 1200	76.4	79.1	80.2	80.8	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.6	81.6	82.3	82.4
≥ 1000	77.1	80.1	81.3	82.0	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	83.5	83.6
≥ 900	77.4	80.7	81.9	82.6	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.3	83.3	84.1	84.2
≥ 800	77.4	80.8	82.0	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.6	83.6	84.4	84.5
≥ 700	77.7	82.0	83.2	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.8	84.8	85.5	85.8
≥ 600	77.9	83.0	84.2	85.3	85.7	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.9	87.2
≥ 500	77.9	83.3	84.7	85.8	86.3	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	87.5	87.9
≥ 400	78.0	83.8	85.3	86.6	87.6	87.6	87.9	87.9	87.9	88.6	88.6	88.6	88.8	88.8	89.5	90.0
≥ 300	78.0	84.1	85.7	87.5	88.8	88.8	89.2	89.2	89.2	90.0	90.0	90.0	90.1	90.1	90.9	91.3
≥ 200	78.2	84.2	85.8	87.8	89.4	89.4	90.3	90.3	90.3	91.4	91.4	91.4	91.6	91.6	92.5	92.9
≥ 100	78.2	84.2	85.8	87.8	89.4	89.4	90.3	90.3	90.3	91.7	91.9	91.9	92.8	92.8	95.3	97.6
≥ 0	78.2	84.2	85.8	87.8	89.4	89.4	90.3	90.3	90.3	91.7	91.9	91.9	92.8	92.8	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.0	62.5	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.4	63.7
≥ 20000	66.1	68.7	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.6	69.9
≥ 18000	66.1	68.7	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.6	69.9
≥ 16000	66.4	69.0	69.3	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.9	70.2
≥ 14000	66.7	69.3	69.6	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.2	70.5
≥ 12000	67.3	70.1	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.9	71.2
≥ 10000	69.3	72.1	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9	73.0	73.3
≥ 9000	69.5	72.3	72.6	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.2	73.5
≥ 8000	70.9	73.7	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.6	75.1
≥ 7000	71.1	73.9	74.2	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.9	75.4
≥ 6000	71.1	73.9	74.2	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.9	75.4
≥ 5000	71.2	74.3	74.6	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.4	75.8
≥ 4500	72.0	75.1	75.4	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.1	76.5
≥ 4000	72.1	75.8	76.3	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.1	77.6
≥ 3500	72.4	76.5	77.0	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.9	78.3
≥ 3000	72.6	76.7	77.1	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	77.9	78.0	78.5
≥ 2500	72.9	77.1	77.7	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.6	79.1
≥ 2000	73.3	77.7	78.3	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.2	79.6
≥ 1800	73.7	78.2	78.8	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.6	80.1
≥ 1500	74.0	78.5	79.1	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.1	80.5
≥ 1200	74.3	79.6	80.2	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.3	81.7
≥ 1000	75.5	80.8	81.6	82.3	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.0	83.5
900	75.5	80.8	81.6	82.3	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.0	83.5
≥ 800	75.5	81.1	81.9	82.6	82.6	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.8
≥ 700	75.8	81.7	82.4	83.2	83.2	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.9	84.4
≥ 600	76.0	82.0	83.2	84.1	84.1	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	85.0	85.4
≥ 500	76.0	82.3	83.9	85.0	85.0	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.7	85.7	86.0	86.4
≥ 400	76.0	83.0	84.8	85.8	86.1	86.3	86.6	87.2	87.2	87.3	87.3	87.3	87.5	87.5	87.8	88.2
≥ 300	76.0	83.2	85.0	86.4	86.9	87.0	87.3	88.3	88.3	88.9	88.9	88.9	89.5	89.5	89.8	90.3
≥ 200	76.0	83.3	85.1	86.6	87.0	87.2	87.5	88.6	88.6	90.3	90.6	90.6	91.3	91.3	91.9	92.3
≥ 100	76.0	83.3	85.1	86.6	87.0	87.2	87.6	88.8	88.8	91.0	91.3	91.3	92.8	92.8	95.3	97.2
≥ 0	76.0	83.3	85.1	86.6	87.0	87.2	87.6	88.8	88.8	91.0	91.3	91.3	93.1	93.1	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 673

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.9	62.5	63.0	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
≥ 20000	65.8	68.6	69.0	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
≥ 18000	65.9	68.7	69.2	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1
≥ 16000	66.2	69.0	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4
≥ 14000	66.5	69.3	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 12000	67.6	70.4	70.8	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
≥ 10000	69.9	73.0	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 9000	69.9	73.0	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
≥ 8000	71.2	74.5	74.9	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
≥ 7000	72.0	75.5	76.1	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0
≥ 6000	72.4	76.1	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 5000	72.6	76.4	77.3	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
≥ 4500	72.6	76.5	77.4	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4000	72.6	76.5	77.4	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 3500	72.7	77.0	77.9	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1
≥ 3000	72.9	77.3	78.2	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
≥ 2500	73.7	78.6	79.5	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0
≥ 2000	73.7	78.6	79.6	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 1800	73.7	78.6	79.6	81.0	81.1	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
≥ 1500	74.2	79.9	81.1	82.6	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.2
≥ 1200	74.6	80.8	82.0	83.5	83.6	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4
≥ 1000	75.1	81.9	83.2	84.7	84.8	84.8	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 900	75.1	81.9	83.2	84.7	84.8	84.8	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 800	75.1	81.9	83.3	84.8	85.0	85.0	85.5	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 700	75.2	82.3	83.9	85.8	86.0	86.0	86.6	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 600	75.2	82.4	84.4	86.3	86.6	86.6	87.2	87.8	87.8	88.2	88.5	88.5	88.5	88.5	88.5	88.6
≥ 500	75.4	82.9	84.8	86.7	87.0	87.0	87.8	88.3	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.2
≥ 400	75.4	82.9	85.3	87.3	87.9	87.9	88.6	89.4	89.4	90.3	90.7	90.7	90.7	90.7	90.7	90.9
≥ 300	75.4	83.0	85.4	87.5	88.2	88.2	89.4	90.6	90.6	91.4	92.2	92.2	92.3	92.3	92.6	92.8
≥ 200	75.4	83.0	85.4	87.5	88.2	88.2	89.4	90.7	90.7	91.9	93.1	93.1	94.0	94.0	94.5	94.8
≥ 100	75.4	83.0	85.4	87.5	88.2	88.2	89.4	90.7	90.7	92.2	93.4	93.4	95.0	95.0	96.6	98.1
≥ 0	75.4	83.0	85.4	87.5	88.2	88.2	89.4	90.7	90.7	92.2	93.4	93.4	95.0	95.0	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.6	67.0	67.1	67.4	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	69.9	72.4	72.6	72.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	70.1	72.6	72.7	73.0	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	70.2	72.7	72.9	73.2	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	70.4	72.9	73.0	73.3	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	70.5	73.2	73.3	73.6	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 10000	72.6	75.4	75.5	75.8	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	72.7	75.5	75.7	76.0	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	73.9	76.8	77.0	77.3	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	75.1	78.0	78.2	78.5	79.1	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	75.7	78.8	78.9	79.2	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	76.3	79.8	79.9	80.2	80.8	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	76.3	79.8	79.9	80.2	80.8	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	76.5	80.2	80.4	80.7	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	77.0	80.7	80.8	81.1	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	77.7	81.6	81.7	82.0	82.6	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	78.8	82.7	83.0	83.3	83.9	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	79.2	83.3	83.6	83.9	84.5	84.8	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	79.2	83.3	83.6	84.1	84.7	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	79.8	84.5	85.0	85.5	86.3	86.6	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	80.4	85.3	85.8	86.6	87.3	87.8	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	80.4	85.3	85.8	86.6	87.3	87.8	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	80.4	85.3	85.8	86.6	87.3	87.8	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 800	80.4	85.8	86.6	87.3	88.2	88.6	89.2	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.6
≥ 700	80.4	86.1	86.9	87.8	88.8	89.2	89.8	90.0	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	80.4	86.1	87.0	88.3	89.8	90.3	91.0	91.2	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	80.4	86.4	87.6	88.9	90.6	91.0	91.7	91.9	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	80.4	86.6	87.9	89.4	91.2	91.6	92.8	93.1	93.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	80.4	86.6	87.9	89.7	91.6	92.0	93.5	94.0	94.0	95.3	95.6	95.6	95.7	95.7	95.9	95.9
≥ 200	80.4	86.6	87.9	89.7	91.6	92.0	93.7	94.2	94.2	95.6	96.3	96.3	96.9	96.9	97.5	97.6
≥ 100	80.4	86.6	87.9	89.7	91.6	92.0	93.7	94.2	94.2	95.9	96.6	96.6	97.2	97.6	98.5	99.7
≥ 0	60.4	86.6	87.9	89.7	91.6	92.0	93.7	94.2	94.2	95.9	96.6	96.6	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 670

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.5	66.1	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	72.3	73.9	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	72.3	73.9	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	72.4	74.0	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	72.7	74.3	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	73.2	74.8	75.7	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	75.2	77.3	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	75.2	77.3	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 8000	76.4	78.5	79.4	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 7000	77.4	79.6	80.5	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	78.3	80.5	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	78.3	80.5	81.4	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	78.5	80.8	81.7	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	79.4	82.0	82.9	83.0	83.8	83.8	83.8	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	79.8	82.4	83.3	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	80.8	83.8	84.7	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	81.9	84.8	85.8	86.0	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	82.2	85.4	86.4	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	82.3	85.5	86.6	86.7	87.5	87.5	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	82.3	86.3	87.5	87.8	88.5	88.6	89.1	89.1	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200	82.7	87.0	88.2	88.6	89.4	89.5	90.0	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	83.2	87.9	89.2	89.7	90.4	90.6	91.0	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	83.2	88.3	90.0	90.6	91.3	91.4	91.9	91.9	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	83.2	88.3	90.0	90.7	91.4	91.6	92.0	92.0	92.0	92.2	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	83.2	88.5	90.3	91.0	91.9	92.0	92.5	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	83.2	88.9	90.7	91.4	92.5	92.6	93.1	93.1	93.1	93.2	93.5	93.5	93.8	93.8	94.0	94.0
≥ 500	83.2	89.2	91.2	92.0	93.4	93.5	94.0	94.0	94.0	94.1	94.4	94.4	94.7	94.7	94.8	94.8
≥ 400	83.2	89.7	91.7	92.8	94.4	94.5	95.1	95.1	95.1	95.6	95.9	95.9	96.2	96.2	96.3	96.3
≥ 300	83.2	89.7	91.7	92.8	94.5	94.8	95.6	95.6	95.6	96.0	96.3	96.3	96.8	96.8	97.1	97.1
≥ 200	83.2	89.7	91.7	92.8	94.5	94.8	95.7	95.9	95.9	96.6	97.1	97.1	97.9	97.9	98.4	98.5
≥ 100	83.2	89.7	91.7	92.8	94.5	94.8	95.7	95.9	95.9	96.6	97.1	97.1	98.1	98.5	99.7	100.0
≥ 0	83.2	89.7	91.7	92.8	94.5	94.8	95.7	95.9	95.9	96.6	97.1	97.1	98.1	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 67

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.3	66.5	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67
≥ 20000	70.8	74.0	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74
≥ 18000	70.9	74.2	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74
≥ 16000	70.9	74.2	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74
≥ 14000	71.8	75.1	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75
≥ 12000	72.7	76.1	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76
≥ 10000	75.1	78.6	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79
≥ 9000	75.2	78.8	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79
≥ 8000	77.1	80.7	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81
≥ 7000	77.6	81.1	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81
≥ 6000	78.0	81.6	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82
≥ 5000	79.4	83.0	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83
≥ 4500	79.4	83.0	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83
≥ 4000	80.1	83.9	84.4	84.7	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85
≥ 3500	80.4	84.2	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85
≥ 3000	81.0	84.8	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85
≥ 2500	81.1	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86
≥ 2000	82.0	86.1	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87
≥ 1800	82.2	86.6	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87
≥ 1500	82.3	87.5	87.9	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88
≥ 1200	82.6	88.2	88.6	89.4	89.7	89.7	89.8	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90
≥ 1000	83.0	88.8	89.5	90.3	90.6	90.6	90.7	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91
≥ 900	83.6	89.7	90.4	91.2	91.4	91.4	91.6	91.6	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91
≥ 800	83.6	90.0	90.7	91.4	91.7	91.7	91.9	91.9	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92
≥ 700	83.6	90.1	91.3	92.0	92.3	92.3	92.5	92.5	92.5	92.6	92.9	92.9	92.9	92.9	92.9	92
≥ 600	83.8	90.4	91.6	92.5	92.8	92.8	92.9	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93
≥ 500	83.9	90.9	92.0	93.1	93.7	93.7	93.8	93.8	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94
≥ 400	84.2	91.2	92.5	93.8	94.4	94.4	94.8	94.8	94.8	95.1	95.4	95.4	95.6	95.6	95.6	95
≥ 300	84.2	91.4	92.9	94.2	94.8	94.8	95.4	95.4	95.4	96.2	96.5	96.5	96.6	96.6	96.6	96
≥ 200	84.2	91.6	93.1	94.4	95.0	95.0	95.6	95.6	95.6	96.3	96.8	96.8	97.1	97.1	97.1	97
≥ 100	84.2	91.6	93.1	94.4	95.0	95.0	95.6	95.6	95.6	96.6	97.1	97.1	97.3	97.5	98.2	99
≥ 0	84.2	91.6	93.1	94.4	95.0	95.0	95.6	95.6	95.6	96.6	97.1	97.1	97.3	97.5	98.2	100

TOTAL NUMBER OF OBSERVATIONS 6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-230 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.8	68.9	69.2	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.
≥ 20000	72.9	74.2	74.5	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
≥ 18000	72.9	74.2	74.5	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
≥ 16000	72.9	74.2	74.5	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.
≥ 14000	73.7	75.1	75.4	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.
≥ 12000	74.6	76.1	76.4	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.
≥ 10000	76.0	77.4	77.7	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 9000	76.1	77.6	77.9	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.
≥ 8000	76.8	78.3	78.6	78.8	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.
≥ 7000	77.9	79.4	79.6	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.
≥ 6000	78.6	80.1	80.4	80.5	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.
≥ 5000	79.2	80.8	81.1	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.
≥ 4500	79.5	81.1	81.4	81.6	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.
≥ 4000	80.5	82.2	82.6	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.
≥ 3500	80.8	82.4	82.9	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.
≥ 3000	81.3	82.9	83.5	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.
≥ 2500	81.4	83.0	83.6	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.
≥ 2000	81.9	83.9	84.5	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.
≥ 1800	81.9	83.9	84.5	85.0	85.0	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.
≥ 1500	82.4	85.1	85.8	86.3	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.
≥ 1200	83.5	86.7	87.5	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.
≥ 1000	83.9	87.3	88.1	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.
≥ 900	84.1	87.6	88.8	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.
≥ 800	84.7	88.2	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.
≥ 700	84.8	88.8	90.1	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.
≥ 600	85.1	89.1	90.4	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.
≥ 500	85.5	90.6	91.9	92.6	93.1	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.
≥ 400	85.7	91.0	92.5	93.7	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.
≥ 300	85.7	91.0	92.6	93.8	94.2	94.4	94.5	94.5	94.5	95.0	95.0	95.0	95.1	95.1	95.1	95.
≥ 200	85.7	91.2	92.8	94.0	94.4	94.5	94.8	94.8	94.8	95.3	95.3	95.3	96.0	96.0	96.2	96.
≥ 100	85.7	91.2	92.8	94.0	94.4	94.5	94.8	94.8	94.8	95.6	95.7	95.7	97.2	97.2	97.9	99.
≥ 0	85.7	91.2	92.8	94.0	94.4	94.5	94.8	94.8	94.8	95.6	95.7	95.7	97.2	97.2	97.9	100.

TOTAL NUMBER OF OBSERVATIONS 67

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.0	65.9	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	67.0	67.1
≥ 20000	69.7	71.8	72.2	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	73.2
≥ 18000	69.7	71.8	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	73.0	73.1
≥ 16000	69.8	72.0	72.3	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.2
≥ 14000	70.2	72.4	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.6
≥ 12000	70.9	73.1	73.5	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.2	74.3
≥ 10000	72.9	75.2	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.4	76.4
≥ 9000	73.0	75.4	75.7	76.0	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.6
≥ 8000	74.3	76.7	77.1	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.9	77.9
≥ 7000	74.9	77.4	77.8	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.6	78.7
≥ 6000	75.4	77.9	78.3	78.5	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1	79.2
≥ 5000	75.8	78.4	78.9	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.8	79.9
≥ 4500	76.1	78.8	79.2	79.5	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.1	80.2
≥ 4000	76.5	79.4	80.0	80.2	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.1
≥ 3500	76.9	79.9	80.4	80.7	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.5	91.6
≥ 3000	77.3	80.4	81.0	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	82.0	82.1
≥ 2500	77.8	81.0	81.6	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.8	82.9
≥ 2000	78.3	81.7	82.4	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.6	83.7
≥ 1800	78.4	81.9	82.5	83.0	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.9	84.0
≥ 1500	78.7	82.7	83.4	84.0	84.3	84.4	84.6	84.6	84.6	84.8	84.8	84.8	84.9	84.9	85.0	85.1
≥ 1200	79.2	83.6	84.4	85.1	85.4	85.5	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.2	86.3
≥ 1000	79.7	84.4	85.3	86.0	86.4	86.5	86.8	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.3	87.4
≥ 900	79.8	84.7	85.7	86.5	86.9	87.0	87.2	87.3	87.3	87.4	87.5	87.5	87.6	87.6	87.7	87.8
≥ 800	79.9	85.0	86.1	86.9	87.3	87.4	87.7	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.3
≥ 700	80.1	85.5	86.7	87.6	88.0	88.1	88.4	88.5	88.5	88.6	88.7	88.7	88.8	88.8	89.0	89.1
≥ 600	80.2	85.6	87.1	88.1	88.6	88.8	89.1	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.8	89.9
≥ 500	80.3	86.3	87.8	89.0	89.6	89.7	90.1	90.2	90.2	90.4	90.5	90.5	90.6	90.6	90.8	90.9
≥ 400	80.4	86.7	88.4	89.8	90.7	90.8	91.3	91.5	91.5	92.0	92.1	92.1	92.3	92.3	92.5	92.6
≥ 300	80.4	86.9	88.5	90.1	91.1	91.3	91.9	92.3	92.3	93.0	93.2	93.2	93.5	93.5	93.8	93.9
≥ 200	80.4	86.9	88.6	90.2	91.3	91.5	92.3	92.7	92.7	93.7	94.1	94.1	94.7	94.7	95.2	95.4
≥ 100	80.4	86.9	88.6	90.2	91.3	91.5	92.3	92.7	92.7	94.0	94.5	94.5	95.5	95.7	97.2	98.8
≥ 0	80.4	86.9	88.6	90.2	91.3	91.5	92.3	92.7	92.7	94.0	94.5	94.5	95.6	95.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.1	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	73.3	73.7	73.8	74.1	74.	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	73.3	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	73.5	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	73.9	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	75.1	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	76.9	77.3	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 9000	77.4	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	79.2	79.6	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	79.6	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	80.2	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	82.5	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	83.1	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	83.6	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	84.0	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	84.3	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	84.5	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	85.9	87.4	87.5	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	86.4	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1500	87.1	89.1	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200	88.2	90.3	90.5	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	89.0	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	89.2	91.9	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	89.4	92.3	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	89.9	93.0	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	90.1	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	90.1	93.5	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	90.2	94.1	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	90.2	94.1	95.3	96.1	96.1	96.1	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	90.2	94.1	95.4	96.5	96.6	96.6	96.9	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	90.2	94.1	95.4	96.5	96.6	96.6	96.9	97.0	97.0	98.3	98.4	98.4	99.1	99.1	99.5	99.5
≥ 0	90.2	94.1	95.4	96.5	96.6	96.6	96.9	97.0	97.0	98.3	98.4	98.4	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.6	65.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 20000	69.5	71.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	69.5	71.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	70.0	71.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	70.4	72.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	71.6	73.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	74.1	76.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	74.1	76.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	74.7	76.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	75.0	77.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 6000	75.7	77.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	77.0	79.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	77.3	79.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000	77.6	79.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	77.6	79.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000	78.2	80.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	78.4	81.3	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	80.1	83.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	80.4	83.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	82.1	85.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	83.6	87.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	84.5	88.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 900	84.9	89.2	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	85.1	89.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	85.5	90.2	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 600	85.8	90.6	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	85.9	90.9	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	86.2	91.4	93.4	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	86.2	91.7	93.8	94.1	94.4	94.5	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	86.2	91.7	94.0	94.2	94.5	94.8	95.2	95.2	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	86.2	91.7	94.0	94.2	94.5	94.8	95.2	95.2	95.2	96.4	96.4	96.4	96.9	96.9	98.4	99.2
≥ 0	86.2	91.7	94.0	94.2	94.5	94.8	95.2	95.2	95.2	96.4	96.4	96.4	96.9	96.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.4	62.5	63.8	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	67.1	68.4	69.8	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	67.2	68.5	70.2	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	67.3	68.7	70.3	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 14000	68.1	69.5	71.1	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	69.2	70.6	72.2	72.7	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	70.7	72.3	73.9	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	71.0	72.6	74.2	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	71.9	73.5	75.1	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	72.4	74.1	75.7	76.3	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	72.4	74.2	75.8	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000	73.5	75.3	77.0	77.7	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	73.5	75.3	77.2	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	73.5	75.3	77.2	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 3500	73.8	75.5	77.4	78.2	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	73.8	75.5	77.4	78.5	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	75.3	77.3	79.2	80.2	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 2000	76.1	78.5	80.5	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	76.3	78.9	80.9	82.4	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	76.6	79.7	81.7	83.3	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1200	77.6	80.6	82.7	84.4	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	79.3	82.7	84.8	86.6	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	79.6	83.1	85.2	87.0	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	80.0	83.5	85.8	87.5	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	80.4	84.0	86.6	88.3	89.1	89.2	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 600	80.6	84.7	87.2	89.2	90.1	90.2	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	80.8	85.1	87.9	90.1	91.0	91.1	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	80.8	85.2	88.2	90.7	91.7	91.8	92.3	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1
≥ 300	80.8	85.3	88.3	90.9	92.1	92.2	92.7	93.3	93.3	94.0	94.4	94.4	94.6	94.8	94.8	94.8
≥ 200	80.8	85.3	88.3	91.0	92.6	92.7	93.3	93.8	93.8	94.6	95.0	95.0	95.7	96.0	96.1	96.1
≥ 100	80.8	85.3	88.3	91.0	92.6	92.7	93.4	94.0	94.0	95.2	95.7	95.7	97.3	97.6	98.5	99.3
≥ 0	80.8	85.3	88.3	91.0	92.6	92.7	93.4	94.0	94.0	95.2	95.7	95.7	97.4	97.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.3	62.4	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000	67.7	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	67.7	70.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	67.9	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	68.8	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	69.1	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	70.4	72.8	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	70.4	73.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	71.0	73.9	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	71.1	74.3	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	71.9	75.3	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	72.4	75.8	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	72.6	76.1	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000	72.8	76.5	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	73.3	76.9	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	73.9	77.8	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500	75.0	78.9	79.2	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	75.8	80.2	80.6	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	76.5	80.9	81.3	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1500	76.7	81.6	82.1	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	77.3	82.8	83.5	84.4	84.5	84.8	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	78.4	84.3	85.2	86.3	86.4	86.7	86.8	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	78.6	84.8	85.9	87.0	87.4	87.6	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	79.0	86.0	87.1	88.2	88.6	88.8	89.1	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	79.2	86.4	87.8	89.2	89.9	90.2	90.5	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	79.2	86.8	88.2	89.9	90.6	90.9	91.1	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	79.2	87.2	88.7	90.7	91.5	91.8	92.1	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	79.2	87.4	89.2	91.7	93.0	93.3	93.7	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	79.3	87.6	89.5	91.9	93.4	93.7	94.6	95.2	95.2	95.7	95.8	95.8	96.1	96.1	96.2	96.2
≥ 200	79.3	87.6	89.5	91.9	93.5	93.8	94.9	95.6	95.7	96.8	97.2	97.2	97.6	97.6	97.7	97.7
≥ 100	79.3	87.6	89.5	91.9	93.5	93.8	94.9	95.6	95.7	96.9	97.3	97.3	98.1	98.4	98.9	99.7
≥ 0	79.3	87.6	89.5	91.9	93.5	93.8	94.9	95.6	95.7	96.9	97.6	97.6	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.0	62.6	63.2	63.2	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 20000	70.0	71.1	71.6	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	70.0	71.1	71.6	71.6	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	70.4	71.5	72.0	72.0	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	70.7	71.8	72.3	72.3	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	71.5	72.6	73.1	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	73.0	74.2	74.7	74.7	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	73.1	74.3	74.9	74.9	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 8000	73.5	75.3	75.9	75.9	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	73.8	75.5	76.2	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	74.5	76.2	76.9	76.9	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	75.5	77.3	78.1	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	75.7	77.6	78.4	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	76.7	78.6	79.4	79.4	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	77.0	78.9	79.7	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3000	78.1	80.1	80.9	80.9	81.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	80.8	83.3	84.1	84.1	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	82.4	85.8	86.6	86.8	87.2	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1800	83.2	86.7	87.5	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	83.9	87.5	88.3	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	84.1	88.3	89.1	89.4	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	84.9	89.7	90.7	91.0	91.5	91.5	91.7	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	85.1	89.9	91.0	91.3	91.8	91.8	91.9	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 800	85.2	90.1	91.1	91.5	92.1	92.1	92.2	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	85.5	90.3	91.5	92.2	92.9	92.9	93.3	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	85.6	91.0	92.2	93.1	93.8	93.8	94.2	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	85.6	91.1	92.5	93.4	94.2	94.2	94.6	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	85.6	91.4	92.7	94.1	95.0	95.2	95.6	95.7	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	85.6	91.4	92.7	94.4	95.4	95.6	96.0	96.2	96.2	97.3	97.	97.4	97.4	97.4	97.6	97.6
≥ 200	85.6	91.4	92.7	94.4	95.4	95.6	96.0	96.2	96.2	98.0	98.3	98.3	98.7	98.7	98.9	98.9
≥ 100	85.6	91.4	92.7	94.4	95.4	95.6	96.0	96.2	96.2	98.0	98.3	98.3	98.7	98.7	99.5	99.7
≥ 0	85.6	91.4	92.7	94.4	95.4	95.6	96.0	96.2	96.2	98.0	98.3	98.3	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 47 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.3	59.5	60.6	61.4	61.7	61.7	62.0	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	66.1	69.1	70.3	71.1	71.4	71.4	71.6	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	66.1	69.1	70.3	71.1	71.4	71.4	71.6	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	66.4	69.5	70.7	71.5	71.8	71.8	72.0	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	66.4	69.5	70.7	71.5	71.8	71.8	72.0	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	66.8	69.9	71.1	71.9	72.2	72.2	72.4	72.7	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	68.3	71.4	72.6	73.4	73.7	73.7	73.9	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	68.5	71.6	72.8	73.7	73.9	73.9	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	69.6	73.0	74.2	75.0	75.3	75.3	75.5	75.8	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	69.8	73.3	74.6	75.4	75.7	75.7	75.9	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	70.6	74.3	75.7	76.5	76.7	76.7	77.0	77.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	73.8	77.6	79.2	80.0	80.2	80.2	80.5	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	74.7	78.6	80.2	81.0	81.3	81.3	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	76.1	80.4	82.1	82.9	83.2	83.2	83.5	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	77.6	81.9	83.6	84.4	84.7	84.7	84.9	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	79.8	84.1	85.9	86.7	87.0	87.0	87.2	87.5	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	81.2	85.6	87.5	88.3	88.6	88.6	88.8	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	82.4	87.1	89.0	89.8	90.3	90.3	91.0	91.3	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	82.9	88.0	89.9	90.7	91.3	91.3	91.9	92.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	83.3	88.8	90.7	91.5	92.1	92.1	92.7	93.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	84.0	89.5	91.7	92.5	93.0	93.0	93.7	94.1	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	84.1	89.9	92.1	93.1	93.7	93.7	94.4	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	84.1	89.9	92.2	93.3	93.8	93.8	94.5	94.9	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	84.3	90.2	92.6	93.7	94.2	94.2	95.0	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	84.3	90.5	92.9	94.0	94.5	94.5	95.3	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	84.4	91.0	93.4	94.6	95.2	95.2	96.0	96.4	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	84.4	91.1	93.5	94.8	95.3	95.3	96.1	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	84.4	91.3	93.8	95.3	95.8	95.8	96.6	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	84.4	91.3	93.8	95.6	96.4	96.4	97.2	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	84.4	91.3	93.8	95.6	96.4	96.4	97.2	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 100	84.4	91.3	93.8	95.6	96.4	96.4	97.2	97.8	97.8	98.3	98.4	98.4	98.7	98.7	99.5	99.9
≥ 0	84.4	91.3	93.8	95.6	96.4	96.4	97.2	97.8	97.8	98.3	98.4	98.4	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

27447	AMARILLO MAP TX	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.7	66.7	67.7	67.9	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.
≥ 20000	72.7	75.8	77.0	77.3	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.
≥ 18000	72.7	75.8	77.0	77.3	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.
≥ 16000	73.7	76.7	78.0	78.2	78.5	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.
≥ 14000	74.5	77.6	78.8	79.0	79.3	79.3	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.
≥ 12000	74.9	78.0	79.2	79.4	79.7	79.7	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.
≥ 10000	75.5	78.8	80.0	80.2	80.5	80.5	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.
≥ 9000	76.2	79.4	80.6	80.9	81.2	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.
≥ 8000	79.2	82.5	83.7	84.0	84.3	84.3	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.
≥ 7000	80.1	83.5	84.7	84.9	85.2	85.2	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.
≥ 6000	80.9	84.3	85.5	85.8	86.0	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.
≥ 5000	81.3	84.8	86.2	86.6	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.
≥ 4500	82.1	85.6	87.0	87.4	87.6	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.
≥ 4000	83.3	87.2	88.7	89.1	89.4	89.4	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.
≥ 3500	84.3	88.2	89.7	90.1	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.
≥ 3000	84.4	88.4	89.9	90.5	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.
≥ 2500	84.9	89.2	90.7	91.3	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.
≥ 2000	86.3	90.7	92.3	92.9	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.8	93.
≥ 1800	86.6	91.0	92.6	93.1	93.4	93.4	93.5	93.7	93.7	93.8	93.8	93.8	94.0	94.0	94.1	94.
≥ 1500	87.0	91.9	93.5	94.1	94.4	94.4	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.
≥ 1200	87.5	92.7	94.5	95.0	95.3	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.8	95.8	96.0	96.
≥ 1000	87.8	93.1	95.2	95.7	96.0	96.0	96.1	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.6	96.
≥ 900	87.9	93.4	95.4	96.0	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.9	96.
≥ 800	87.9	93.4	95.4	96.0	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.6	96.8	96.8	96.9	96.
≥ 700	87.9	93.5	95.6	96.1	96.4	96.4	96.5	96.6	96.6	96.8	96.9	96.8	96.9	96.9	97.0	97.
≥ 600	87.9	93.8	95.8	96.4	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.
≥ 500	87.9	93.8	95.8	96.4	96.6	96.6	96.9	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.
≥ 400	87.9	93.8	95.8	96.4	96.6	96.6	96.9	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.6	97.
≥ 300	87.9	93.8	95.8	96.5	96.8	96.9	98.0	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.1	99.
≥ 200	87.9	93.8	95.8	96.5	96.8	97.0	98.1	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.2	99.
≥ 100	87.9	93.8	95.8	96.5	96.8	97.0	98.1	98.8	98.8	98.9	98.9	98.9	99.3	99.3	99.6	100.
≥ 0	87.9	93.8	95.8	96.5	96.8	97.0	98.1	98.8	98.8	98.9	98.9	98.9	99.3	99.3	99.6	100.

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	67.1	67.6	67.6	68.4	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	76.5	77.2	77.2	78.0	78.1	78.1	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	76.5	77.2	77.2	78.0	78.1	78.1	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	76.9	77.6	77.6	78.4	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	77.2	77.8	77.8	78.6	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	78.1	78.8	78.8	79.6	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	80.1	80.8	80.8	81.6	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	80.4	81.0	81.0	81.9	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	81.6	82.3	82.3	83.1	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	82.4	83.2	83.2	84.0	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	83.6	84.5	84.5	85.3	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	84.9	85.9	85.9	86.7	86.8	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	85.9	86.8	86.8	87.6	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	86.7	87.8	87.8	88.6	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	87.1	88.2	88.2	89.0	89.1	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	87.4	88.4	88.4	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	88.3	89.4	89.5	90.3	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	89.7	90.7	90.9	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	89.7	90.7	90.9	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	89.7	91.0	91.1	91.9	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	90.1	91.9	92.1	92.9	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	90.9	92.7	92.9	93.7	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	91.0	93.0	93.1	94.0	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	91.3	93.7	93.8	94.6	94.9	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	91.7	94.2	94.4	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	91.9	94.5	94.6	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	92.1	95.0	95.2	96.5	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	92.1	95.2	95.3	96.6	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	92.1	95.2	95.6	96.9	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	92.1	95.3	95.7	97.0	97.6	97.7	98.3	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 100	92.1	95.3	95.7	97.0	97.6	97.7	98.3	98.8	98.9	99.2	99.2	99.2	99.5	99.5	100.0	100.0
≥ 0	92.1	95.3	95.7	97.0	97.6	97.7	98.3	98.8	98.9	99.2	99.2	99.2	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.7	64.1	64.8	65.1	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	70.4	72.1	72.8	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	70.4	72.1	72.8	73.2	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	70.8	72.5	73.2	73.6	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	71.3	73.0	73.7	74.1	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 12000	72.0	73.8	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	73.6	75.5	76.2	76.6	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	73.9	75.7	76.5	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	75.1	77.1	77.9	78.3	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	75.5	77.6	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	76.2	78.4	79.2	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	77.6	79.8	80.7	81.1	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.5	81.6	81.6
≥ 4500	78.1	80.4	81.3	81.7	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	78.8	81.2	82.1	82.6	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	79.3	81.8	82.7	83.1	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	80.0	82.5	83.5	84.0	84.2	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	81.0	83.8	84.8	85.3	85.6	85.6	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	82.3	85.5	86.5	87.1	87.3	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 1800	82.7	86.0	87.0	87.6	87.9	87.9	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	83.3	86.9	87.9	88.6	88.9	88.9	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	84.0	88.0	89.1	89.8	90.1	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1000	84.9	89.0	90.3	91.1	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
≥ 900	85.1	89.4	90.7	91.5	91.8	91.9	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	85.3	89.9	91.2	92.0	92.3	92.4	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.6	92.8	92.8
≥ 700	85.5	90.3	91.7	92.6	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 600	85.7	90.7	92.2	93.2	93.6	93.6	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	85.7	91.0	92.6	93.7	94.2	94.2	94.5	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 400	85.8	91.2	93.0	94.3	94.9	94.9	95.3	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 300	85.8	91.3	93.1	94.5	95.2	95.3	95.9	96.2	96.2	96.6	96.7	96.7	96.8	96.8	96.9	96.9
≥ 200	85.8	91.3	93.2	94.6	95.4	95.6	96.2	96.6	96.7	97.4	97.6	97.6	97.8	97.8	98.0	98.0
≥ 100	85.8	91.3	93.2	94.6	95.4	95.6	96.2	96.7	96.7	97.6	97.8	97.8	98.4	98.5	99.2	99.7
≥ 0	85.8	91.3	93.2	94.6	95.4	95.6	96.2	96.7	96.7	97.6	97.8	97.8	98.5	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.0	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	77.4	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	77.5	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	77.5	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	77.9	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	78.6	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	81.3	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	82.1	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	83.8	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	86.7	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4500	86.9	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	87.4	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	87.5	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	88.1	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	89.3	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	90.4	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	90.4	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	92.1	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	92.9	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	94.0	94.9	94.9	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	94.7	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	95.0	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	95.4	96.5	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	95.7	96.8	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	96.4	97.6	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	96.4	97.8	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	96.5	98.2	98.6	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	96.5	98.3	98.9	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	96.5	98.3	98.9	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 0	96.5	98.3	98.9	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	AMARILLO MAP TX	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.3	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	72.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	73.1	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	73.3	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	81.4	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	82.1	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	82.9	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	83.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	83.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	84.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	84.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	85.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	85.8	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	86.5	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	86.5	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	88.1	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	89.3	91.1	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	89.9	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	90.1	91.9	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	90.4	92.2	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700	91.0	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	91.8	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	92.4	94.3	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	92.6	95.1	95.7	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	92.8	95.6	96.4	97.1	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 200	92.8	95.6	96.5	97.5	97.8	97.8	97.9	98.2	98.2	98.3	98.3	98.3	98.9	98.9	99.0	99.0
≥ 100	92.8	95.6	96.5	97.5	97.8	97.8	97.9	98.2	98.2	98.3	98.3	98.3	99.2	99.2	99.4	99.7
≥ 0	92.8	95.6	96.5	97.5	97.8	97.8	97.9	98.2	98.2	98.3	98.3	98.3	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	AMARILLO MAP TX	74-81	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.3	62.8	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.6	63.6
≥ 20000	69.6	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 18000	69.6	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
≥ 16000	69.7	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.8	72.8
≥ 14000	69.9	72.1	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9
≥ 12000	71.8	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 10000	74.0	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2
≥ 9000	74.0	76.4	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2
≥ 8000	75.7	78.8	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7
≥ 7000	76.3	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.6	80.6
≥ 6000	76.9	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 5000	77.8	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.4	82.4
≥ 4500	77.8	81.5	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.5	82.5
≥ 4000	78.6	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 3500	78.8	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.8	83.8
≥ 3000	79.3	83.3	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 2500	80.1	84.2	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3
≥ 2000	80.8	85.0	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.5	86.5
≥ 1800	80.8	85.0	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.5	86.5
≥ 1500	82.1	86.4	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.9	87.9
≥ 1200	82.6	87.4	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.2	89.2
≥ 1000	83.2	88.1	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	90.0	90.0
≥ 900	83.3	88.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.3	90.3
≥ 800	83.3	88.6	89.7	90.4	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	91.1	91.1
≥ 700	83.6	89.0	90.1	90.8	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.7	91.7
≥ 600	83.8	89.2	90.3	91.0	91.4	91.4	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	92.1	92.1
≥ 500	83.9	89.4	90.6	91.3	91.7	91.7	92.1	92.1	92.1	92.4	92.4	92.4	92.5	92.5	92.8	92.8
≥ 400	84.2	90.3	91.7	92.6	93.1	93.2	94.0	94.0	94.0	94.4	94.4	94.4	94.6	94.6	94.9	94.9
≥ 300	84.2	90.4	91.9	93.2	93.6	93.8	94.9	95.3	95.3	96.0	96.0	96.0	96.3	96.3	96.5	96.5
≥ 200	84.2	90.4	91.9	93.3	93.8	93.9	95.0	95.7	95.7	96.5	96.5	96.5	97.4	97.4	98.1	98.1
≥ 100	84.2	90.4	91.9	93.3	93.8	93.9	95.1	95.8	95.8	96.8	96.9	96.9	98.2	98.2	99.3	100.0
≥ 0	84.2	90.4	91.9	93.3	93.8	93.9	95.1	95.8	95.8	96.8	96.9	96.9	98.2	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	72.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	72.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	72.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	72.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	74.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	76.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	76.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	76.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	77.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	77.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	77.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	78.2	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	78.3	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	78.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3000	79.2	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	80.3	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	81.5	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	81.9	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	82.8	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	83.5	89.4	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1000	84.3	91.1	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	84.4	91.3	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	84.7	92.1	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	84.7	92.4	93.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	84.9	92.5	93.5	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	84.9	92.8	93.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	85.1	93.5	94.9	96.0	96.3	96.4	96.8	96.8	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	85.1	93.5	94.9	96.1	96.5	96.8	97.2	97.2	97.2	98.2	98.3	98.3	98.3	98.3	98.5	98.5
≥ 200	85.1	93.5	94.9	96.1	96.5	96.8	97.2	97.5	97.5	98.9	99.0	99.0	99.2	99.2	99.3	99.3
≥ 100	85.1	93.5	94.9	96.1	96.5	96.8	97.2	97.5	97.5	98.9	99.0	99.0	99.2	99.2	99.7	100.0
≥ 0	85.1	93.5	94.9	96.1	96.5	96.8	97.2	97.5	97.5	98.9	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	74.3	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	74.3	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	74.4	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	74.9	76.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	75.1	76.9	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	77.2	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	77.2	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	78.1	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	78.5	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	78.5	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	80.4	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	80.6	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	82.1	84.3	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	84.7	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	85.3	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	86.7	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	89.0	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	89.3	91.8	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	90.7	93.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	91.0	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	91.3	95.1	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	91.3	95.7	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	91.3	95.8	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	91.4	96.3	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	91.4	96.4	96.9	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	91.4	96.8	97.4	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	91.4	96.9	97.6	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	91.4	96.9	97.6	98.5	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	91.4	96.9	97.6	98.5	99.0	99.0	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.4	96.9	97.6	98.5	99.0	99.0	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.4	96.9	97.6	98.5	99.0	99.0	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.4	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	72.1	73.8	73.9	74.3	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	72.1	73.8	73.9	74.3	75.0	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000	72.2	73.9	74.0	74.4	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	72.5	74.2	74.3	74.7	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	73.1	74.7	74.9	75.3	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 10000	74.9	76.8	76.9	77.4	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 9000	74.9	76.8	76.9	77.4	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 8000	75.7	77.6	77.8	78.2	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	75.8	77.8	77.9	78.3	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000	77.5	79.4	79.6	80.0	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	82.1	84.2	84.4	84.9	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	82.6	85.0	85.3	85.7	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	85.3	87.6	87.9	88.3	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	86.7	89.3	89.6	90.1	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	87.8	90.4	90.8	91.4	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	89.6	92.4	92.8	93.3	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	90.4	93.2	93.6	94.2	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	90.4	93.2	93.6	94.2	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	91.3	94.2	94.6	95.1	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	91.4	94.3	94.9	95.4	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	91.7	95.3	95.8	96.5	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	92.1	95.8	96.4	97.1	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	92.4	96.5	97.1	97.8	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	92.5	96.7	97.2	97.9	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	92.5	96.7	97.2	97.9	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.6	96.8	97.4	98.1	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	92.6	96.8	97.4	98.1	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.6	96.9	97.5	98.2	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	96.9	97.5	98.2	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	96.9	97.5	98.2	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	96.9	97.5	98.2	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.7	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	76.8	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	77.1	78.1	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	77.4	78.3	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	78.1	79.2	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	80.1	81.3	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	82.8	84.2	84.4	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	82.9	84.3	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	84.3	85.8	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	84.7	86.4	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	85.6	87.2	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	87.5	89.3	89.7	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	88.5	90.3	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	90.1	91.9	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	90.7	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	91.4	93.3	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	91.7	93.6	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	92.4	94.4	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	92.5	94.6	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	93.3	95.6	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	93.9	96.1	96.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	94.2	96.5	96.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	94.4	96.9	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	94.4	97.6	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	94.6	97.8	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	94.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.7	98.3	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.7	98.5	98.9	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.7	98.5	98.9	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.7	98.5	98.9	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.7	98.5	98.9	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.7	98.5	98.9	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	77.1	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	78.9	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	82.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	84.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	88.9	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	90.6	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	91.0	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	91.7	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	92.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1800	92.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	93.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	94.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	95.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	95.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	95.6	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	95.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	96.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	96.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	96.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	96.0	98.9	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	96.0	98.9	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.0	98.9	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.0	98.9	99.3	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH) ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	64.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	74.0	75.4	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.1	75.5	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	74.3	75.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	74.6	76.0	76.2	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	75.9	77.3	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 10000	78.5	80.0	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	78.8	80.3	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 8000	80.0	81.7	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	80.4	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 6000	81.1	83.0	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	83.0	85.0	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	83.4	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	84.5	86.6	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 3500	85.3	87.4	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	85.9	88.1	88.4	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	86.9	89.2	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	87.9	90.4	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	88.1	90.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	89.3	92.0	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	89.9	92.8	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	90.5	93.7	94.1	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	90.7	94.1	94.5	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 800	90.9	94.5	95.0	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.8
≥ 700	91.1	94.9	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 600	91.3	95.3	95.8	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	91.5	95.6	96.1	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 400	91.6	95.9	96.6	97.3	97.5	97.6	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	91.7	96.1	96.9	97.6	97.9	98.0	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9
≥ 200	91.7	96.1	96.9	97.7	98.1	98.2	98.6	98.8	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 100	91.7	96.1	96.9	97.7	98.1	98.2	98.6	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.8	99.9
≥ 0	91.7	96.1	96.9	97.7	98.1	98.2	98.6	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.8	64.2	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	71.1	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	71.1	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000	71.1	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000	71.1	71.5	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	71.4	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	74.5	75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	74.9	75.5	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	76.9	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	77.6	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 6000	78.2	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	79.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	80.2	81.0	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	82.1	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	82.9	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	83.9	85.1	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	84.1	85.3	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	85.5	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	85.8	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	87.6	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	88.0	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	88.8	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	89.0	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 800	89.8	92.6	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 700	90.2	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	90.7	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	91.3	95.4	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	91.5	96.0	96.6	97.0	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	91.5	96.2	96.9	97.3	97.7	97.7	97.8	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	91.7	96.5	97.2	97.6	98.0	98.0	98.1	98.4	98.4	98.4	98.9	98.9	99.5	99.5	99.7	99.7
≥ 100	91.7	96.6	97.3	97.7	98.1	98.1	98.3	98.5	98.5	98.5	99.1	99.1	99.6	99.6	99.9	100.0
≥ 0	91.7	96.6	97.3	97.7	98.1	98.1	98.3	98.5	98.5	98.5	99.1	99.1	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.1	59.5	59.8	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 20000	61.8	63.3	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	61.8	63.3	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	61.8	63.3	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000	62.2	63.7	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 12000	62.6	64.1	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	66.3	67.7	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	66.5	68.0	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	69.1	70.6	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	70.2	71.6	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	70.6	72.0	72.3	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	73.1	75.3	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	73.9	76.1	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000	75.1	77.3	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	75.7	77.8	78.1	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3000	76.2	78.4	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 2500	77.2	79.3	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	78.2	80.8	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1800	78.9	81.6	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	80.2	83.2	83.6	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	81.0	84.4	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.
≥ 1000	82.1	85.9	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.
≥ 900	82.7	86.7	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.
≥ 800	83.1	87.4	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.
≥ 700	83.6	88.6	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.
≥ 600	84.1	89.7	90.5	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.
≥ 500	84.4	90.3	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.
≥ 400	85.2	92.6	94.0	94.5	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.
≥ 300	85.5	93.1	94.8	95.6	96.4	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.
≥ 200	85.5	93.1	95.0	96.0	96.9	97.0	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.8	98.1	98.
≥ 100	85.5	93.1	95.0	96.0	97.0	97.2	97.6	97.7	98.0	98.4	98.5	98.5	98.7	98.8	99.3	99.
≥ 0	85.5	93.1	95.0	96.0	97.0	97.2	97.6	97.7	98.0	98.4	98.5	98.5	98.7	98.8	99.5	100.

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILIT

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-08 (HOURS (L.S.T.))

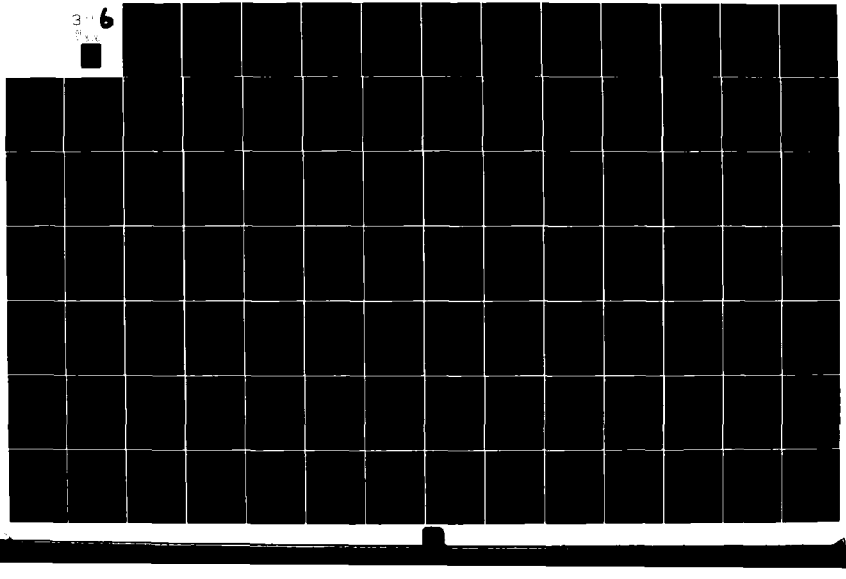
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.9	52.8	53.2	53.6	54.0	54.3	54.4	54.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.
≥ 20000	55.1	58.6	59.1	59.4	59.8	60.1	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.
≥ 18000	55.1	58.6	59.0	59.4	59.8	60.1	60.2	60.2	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.
≥ 16000	55.2	58.7	59.1	59.5	59.9	60.2	60.3	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.
≥ 14000	55.6	59.3	59.7	60.1	60.5	60.8	60.9	60.9	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.
≥ 12000	56.7	60.5	60.9	61.3	61.7	62.0	62.1	62.1	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.
≥ 10000	58.6	62.8	63.4	64.0	64.4	64.7	64.9	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.
≥ 9000	59.3	63.4	64.1	64.8	65.2	65.5	65.7	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.
≥ 8000	62.6	66.8	67.5	68.1	68.7	69.0	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.
≥ 7000	63.2	67.3	68.0	68.7	69.2	69.5	69.8	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.
≥ 6000	63.6	67.7	68.5	69.2	69.8	70.0	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.
≥ 5000	65.6	70.0	70.8	71.5	72.0	72.3	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.
≥ 4500	66.1	70.6	71.4	72.0	72.6	72.8	73.1	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.
≥ 4000	67.1	71.6	72.4	73.1	73.7	73.9	74.2	74.2	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.
≥ 3500	67.5	72.2	73.0	73.7	74.2	74.5	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75
≥ 3000	68.0	72.7	73.5	74.2	74.7	75.0	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75
≥ 2500	69.5	74.6	75.4	76.1	76.6	76.9	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77
≥ 2000	70.4	76.1	77.2	77.8	78.4	78.6	78.9	78.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79
≥ 1800	71.0	76.7	77.8	78.5	79.0	79.3	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79
≥ 1500	71.5	77.6	78.9	79.6	80.1	80.4	80.6	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80
≥ 1200	72.2	78.9	80.2	80.9	81.5	81.7	82.0	82.0	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82
≥ 1000	72.7	80.2	81.6	82.7	83.2	83.5	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84
≥ 900	72.7	80.6	82.0	83.2	83.7	84.0	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84
≥ 800	73.4	81.9	83.5	84.7	85.3	85.6	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86
≥ 700	73.7	82.7	84.5	86.2	86.8	87.1	87.5	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87
≥ 600	73.8	83.3	85.3	87.2	88.0	88.3	88.7	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89
≥ 500	73.8	83.6	85.8	88.3	89.2	89.5	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90
≥ 400	74.6	84.9	87.2	90.6	91.7	92.1	92.7	92.9	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93
≥ 300	74.6	85.2	87.6	91.1	92.7	93.1	94.1	94.4	94.5	95.2	95.3	95.3	95.3	95.3	95.3	95
≥ 200	74.6	85.2	87.6	91.4	93.1	93.8	95.2	95.7	96.0	97.0	97.2	97.2	97.3	97.4	97.8	97
≥ 100	74.6	85.2	87.6	91.4	93.1	93.8	95.2	95.7	96.0	97.0	97.3	97.3	98.1	98.3	98.9	99
≥ 0	74.6	85.2	87.6	91.4	93.1	93.8	95.2	95.7	96.0	97.0	97.3	97.3	98.1	98.3	98.9	100

TOTAL NUMBER OF OBSERVATIONS _____

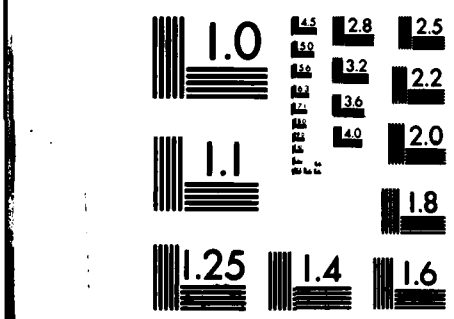
USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 176 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL



13176



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	54.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	62.9	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	63.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	63.4	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	64.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	64.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	66.5	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 9000	67.1	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	69.4	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	70.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	70.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	71.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	72.0	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	72.6	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3500	73.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	74.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2500	77.4	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	79.3	84.5	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	79.6	84.8	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	80.5	86.3	86.7	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	81.3	87.9	88.4	88.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	82.8	89.5	90.2	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	82.9	90.2	90.9	91.0	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	83.2	90.6	91.7	91.9	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	83.5	91.0	92.5	92.7	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	83.6	91.8	93.3	93.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	83.9	92.3	94.0	94.8	96.0	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	84.0	92.6	94.4	95.3	96.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	84.0	92.7	94.5	95.6	97.0	97.0	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	84.0	92.7	94.5	95.7	97.2	97.2	98.0	98.4	98.5	98.8	98.8	98.8	99.1	99.1	99.3	99.3
≥ 100	84.0	92.7	94.5	95.7	97.2	97.2	98.0	98.4	98.5	98.9	98.9	98.9	99.2	99.2	99.5	99.9
≥ 0	84.0	92.7	94.5	95.7	97.2	97.2	98.0	98.4	98.5	98.9	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.8	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	69.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	69.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	69.1	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	69.2	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	71.1	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	73.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	73.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	75.1	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	75.3	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000	75.8	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	77.6	79.0	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	78.8	80.2	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	81.2	82.7	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	85.6	87.1	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	86.8	88.7	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	88.7	91.0	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	90.1	92.7	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	90.3	93.0	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	91.7	94.5	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	91.9	94.9	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	92.2	95.3	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	92.2	95.4	96.1	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	92.2	95.8	96.5	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	92.2	96.0	96.6	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	92.2	96.1	96.8	96.9	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	92.2	96.4	97.0	97.3	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	92.2	96.4	97.0	97.4	98.0	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	92.2	96.4	97.2	97.6	98.4	98.7	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	92.2	96.4	97.2	97.6	98.4	98.7	99.2	99.2	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	92.2	96.4	97.2	97.6	98.4	98.7	99.2	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
0	92.2	96.4	97.2	97.6	98.4	98.7	99.2	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.6	56.6	56.7	57.0	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	69.8	71.8	71.9	72.2	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	70.0	72.0	72.2	72.4	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	70.0	72.0	72.2	72.4	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	70.2	72.2	72.3	72.6	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	70.6	72.6	72.7	73.0	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000	72.0	74.1	74.2	74.5	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	72.2	74.2	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	73.4	75.7	75.8	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	74.2	76.5	76.6	76.9	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	75.5	78.4	78.6	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	80.4	83.2	83.5	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	81.6	84.4	84.7	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	84.8	87.8	88.2	88.4	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	87.1	90.2	90.6	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	1.4
≥ 3000	88.3	91.7	92.1	92.3	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	89.2	92.6	93.0	93.3	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	90.5	94.0	94.4	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	90.5	94.0	94.4	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	91.6	95.4	95.8	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1200	92.2	95.8	96.2	96.5	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 1000	92.3	96.1	96.5	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 900	92.3	96.1	96.5	96.8	97.0	97.0	97.4	97.4	97	[illegible]	97.4	97.4	97.6	97.6	97.6	97.6
≥ 800	92.5	96.5	96.9	97.2	97.4	97.4	97.8	97.8	9[illegible]	8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 700	92.7	96.9	97.3	97.6	97.8	97.8	98.3	98.3	98.	[illegible]	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	92.7	96.9	97.3	97.7	98.0	98.0	98.4	98.4	98.4	9[illegible]	98.4	98.4	98.5	98.5	98.5	98.5
≥ 500	92.7	96.9	97.3	97.7	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 400	92.7	96.9	97.6	98.3	98.7	98.7	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	92.7	96.9	97.6	98.4	98.9	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 200	92.7	96.9	97.6	98.4	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	92.7	96.9	97.6	98.4	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	92.7	96.9	97.6	98.4	98.9	98.9	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	75.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	75.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	75.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	76.2	77.6	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	76.9	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	78.9	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	78.9	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	80.2	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	80.3	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	81.5	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 5000	85.4	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	86.0	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	87.9	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	89.5	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	90.4	93.0	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	90.8	93.8	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	91.4	94.5	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	91.4	94.5	95.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	91.8	95.0	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	92.2	95.5	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	92.7	96.2	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	93.0	96.5	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	93.1	96.9	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	93.1	97.0	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	93.1	97.0	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	93.1	97.0	98.1	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	93.1	97.2	98.2	98.9	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.1	97.2	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	93.1	97.2	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.1	97.2	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.1	97.2	98.2	98.9	99.5	99.5	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.5	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	74.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	74.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	75.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	75.0	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 12000	75.8	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	78.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	78.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	81.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	82.2	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	84.5	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	84.5	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	85.7	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	86.6	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	87.2	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	87.7	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	88.5	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	88.8	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	89.1	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	89.5	91.9	92.4	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	90.1	93.0	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	90.4	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	90.6	93.8	94.5	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	90.7	93.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 600	91.0	94.2	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	91.2	94.9	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	91.4	95.5	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	91.6	95.8	96.9	97.3	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	91.8	96.0	97.0	97.4	98.4	98.4	98.5	98.5	98.5	98.8	98.8	98.8	99.2	99.2	99.2	99.5
≥ 100	91.8	96.0	97.2	97.6	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.7	100.0
≥ 0	91.8	96.0	97.2	97.6	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 741

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.4	59.7	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000	67.5	69.2	69.5	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	67.6	69.3	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	67.7	69.4	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 14000	67.9	69.7	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	68.8	70.5	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	71.1	73.0	73.4	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	71.4	73.3	73.6	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	73.4	75.4	75.7	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	74.0	76.0	76.3	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	74.7	76.8	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	77.2	79.5	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	77.9	80.2	80.6	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	79.5	81.9	82.4	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	81.0	83.6	84.1	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	81.9	84.6	85.0	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.1	86.0	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	84.2	87.5	88.0	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	84.5	87.8	88.3	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	85.5	89.1	89.7	89.9	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1200	86.0	89.9	90.5	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	86.7	90.9	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 900	86.9	91.3	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	87.2	91.9	92.8	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	87.5	92.4	93.3	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
≥ 600	87.7	92.9	93.9	94.4	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	87.8	93.4	94.4	95.2	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 400	88.1	94.0	95.2	96.1	96.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 300	88.2	94.2	95.5	96.5	97.3	97.4	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	88.2	94.2	95.5	96.6	97.5	97.7	98.2	98.3	98.4	98.8	98.9	98.9	99.1	99.1	99.3	99.3
≥ 100	88.2	94.3	95.6	96.7	97.6	97.7	98.2	98.4	98.5	98.9	99.0	99.0	99.4	99.4	99.7	99.9
≥ 0	88.2	94.3	95.6	96.7	97.6	97.7	98.2	98.4	98.5	98.9	99.0	99.0	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5946

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 16000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	86.8	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	91.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	91.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	92.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	92.9	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	93.3	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	93.6	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	94.4	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	94.4	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	95.0	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	95.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	96.0	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	96.3	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	96.4	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	96.3
≥ 700	96.4	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	96.4	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	96.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.9	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.9	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.5	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6
≥ 20000	76.1	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4
≥ 18000	76.1	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4
≥ 16000	76.1	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4
≥ 14000	76.1	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4
≥ 12000	77.1	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3
≥ 10000	82.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2
≥ 9000	83.6	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3
≥ 8000	86.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	88.1
≥ 7000	86.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.2	88.2
≥ 6000	87.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	69.2	89.2
≥ 5000	89.2	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.3	91.3
≥ 4500	89.3	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.4	91.4
≥ 4000	90.3	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.5	92.5
≥ 3500	90.4	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6
≥ 3000	90.8	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1
≥ 2500	91.7	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9
≥ 2000	91.8	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.0	94.0
≥ 1800	91.8	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.0	94.0
≥ 1500	91.9	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.3	94.3
≥ 1200	92.4	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7
≥ 1000	93.1	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4
≥ 900	93.5	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.8	95.8
≥ 800	93.6	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0
≥ 700	94.0	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.4	96.4
≥ 600	94.2	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.7	96.7
≥ 500	94.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9
≥ 400	94.3	96.9	96.9	97.5	97.5	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.3	98.3
≥ 300	94.3	97.8	97.8	98.3	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.4	99.4
≥ 200	94.3	98.2	98.2	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	100.0	100.0
≥ 100	94.3	98.2	98.2	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	100.0	100.0
≥ 0	94.3	98.2	98.2	98.8	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.1	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	77.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 18000	77.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 16000	77.5	79.7	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	77.8	80.0	80.0	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	78.8	81.0	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	83.1	85.3	85.4	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	83.2	85.4	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 8000	84.4	86.9	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8
≥ 7000	85.1	87.8	87.9	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8
≥ 6000	86.1	88.8	88.9	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 5000	86.3	89.4	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 4500	86.3	89.4	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 4000	86.4	89.6	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 3500	86.5	89.7	90.1	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0
≥ 3000	86.7	89.9	90.4	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 2500	86.8	90.0	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
≥ 2000	87.5	90.7	91.3	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1800	87.5	90.7	91.3	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1500	87.6	90.8	91.4	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4
≥ 1200	87.8	91.1	91.7	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1000	87.9	91.5	92.1	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1
≥ 900	87.9	91.7	92.2	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
≥ 800	88.1	92.1	92.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2
≥ 700	88.5	92.8	93.3	94.4	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3
≥ 600	88.8	93.1	93.6	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6
≥ 500	89.2	93.8	94.4	95.6	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
≥ 400	89.2	94.2	95.1	96.7	97.1	97.5	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.1	98.1
≥ 300	89.2	94.6	95.7	97.2	97.8	98.3	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 200	89.2	94.7	95.8	97.4	97.9	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 100	89.2	94.7	95.8	97.4	97.9	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.6	99.7
≥ 0	89.2	94.7	95.8	97.4	97.9	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 20000	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	86.3	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	86.4	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	87.9	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	88.2	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	88.9	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	89.3	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	89.4	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	89.7	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	90.3	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	90.7	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	91.8	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	92.5	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	92.6	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	93.1	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	93.2	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	93.3	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	93.3	96.0	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	93.8	96.5	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	93.9	96.7	97.5	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	93.9	96.7	97.5	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	94.0	96.9	97.8	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	94.2	97.2	98.1	98.9	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.2	97.2	98.1	98.9	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.2	97.2	98.1	98.9	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.2	97.2	98.1	98.9	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	97.2	98.1	98.9	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.2	77.5	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	82.1	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 18000	82.1	82.5	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	82.5	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	82.5	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	83.1	83.5	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	85.4	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	85.4	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	86.7	87.1	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	86.8	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	88.3	88.8	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	90.1	90.6	90.7	90.7	91.0	9 .0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	91.0	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	92.4	93.2	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	93.9	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	94.3	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	95.3	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	95.6	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	95.6	96.8	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	96.0	97.5	97.6	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.3	98.1	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	96.3	98.2	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	96.3	98.2	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	96.3	98.2	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	96.3	98.2	98.6	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.3	98.5	98.9	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.4	98.6	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	79.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	79.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	83.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000	83.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	84.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	89.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	90.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	92.8	94.7	94.7	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	94.4	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000	95.0	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	95.4	97.8	97.8	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	95.6	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	95.8	98.2	98.2	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	96.1	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.1	98.5	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	96.3	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	96.3	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	96.3	98.6	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	96.3	98.9	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.4	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.5	99.2	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.5	99.2	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.5	99.2	99.2	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	99.2	99.2	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	99.2	99.2	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.5	99.2	99.2	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥0
NO CEILING	68.2	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.6
≥ 20000	82.8	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	82.8	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 17000	82.8	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	82.9	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	83.6	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	86.5	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	86.5	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	86.7	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	87.2	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	89.3	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	93.9	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	93.9	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	95.1	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	95.4	96.9	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	95.7	97.2	97.5	97.6	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	95.7	97.2	97.5	97.6	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	95.7	97.2	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 1800	95.7	97.2	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5
≥ 1500	96.1	97.6	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 1200	96.1	97.6	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 1000	96.1	97.6	98.2	98.3	98.5	98.5	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 900	96.3	97.8	98.3	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 800	96.3	97.8	98.3	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 700	96.3	97.9	98.5	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 600	96.3	98.1	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	96.3	98.2	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 400	96.3	98.2	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	96.3	98.2	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 200	96.3	98.2	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 100	96.3	98.2	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	100.0
≥ 0	96.3	98.2	98.8	98.9	99.0	99.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	80.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	80.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	80.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	80.6	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	85.4	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	85.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000	86.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	87.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	88.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	91.8	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500	91.8	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	93.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	94.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	94.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	94.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	94.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	94.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	95.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	95.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	95.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	96.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	96.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	96.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	96.3	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.3	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.3	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.3	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	96.3	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUN (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.7	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	79.6	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	79.6	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	79.7	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	79.9	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	80.9	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
≥ 10000	84.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 9000	85.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
≥ 8000	86.2	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 7000	86.5	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	87.7	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 5000	90.2	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	90.4	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	91.6	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	92.2	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 3000	92.6	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 2500	93.1	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 2000	93.5	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	93.5	95.5	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1500	93.9	95.9	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1200	94.1	96.2	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 1000	94.3	96.5	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 900	94.5	96.7	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 800	94.6	96.9	97.2	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 700	94.7	97.1	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 600	94.8	97.2	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500	94.9	97.5	97.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 400	95.0	97.8	98.2	98.7	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 300	95.0	98.0	98.4	98.9	99.1	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	95.0	98.1	98.5	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	95.0	98.1	98.5	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.
≥ 0	95.0	98.1	98.5	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 576

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	94.2	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	95.3	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	95.7	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	96.1	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.5	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	97.3	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.3	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.4	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	97.4	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	97.4	98.1	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	97.7	98.4	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	97.7	98.4	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.7	98.4	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	98.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	75.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	75.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	75.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	76.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	78.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	84.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	84.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	86.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	87.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	88.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	89.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	90.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	90.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	90.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	90.6	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	90.7	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
≥ 2000	91.5	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1800	91.5	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8
≥ 1500	91.9	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 1200	92.5	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 1000	93.0	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3
≥ 900	93.4	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 800	93.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.0
≥ 700	94.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4
≥ 600	94.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 500	94.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6
≥ 400	95.0	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 300	95.2	97.6	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 200	95.2	97.6	98.0	98.9	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.5	99.5
≥ 100	95.2	97.6	98.0	98.9	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.7	100.0
≥ 0	95.2	97.6	98.0	98.9	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.1	70.7	71.0	71.5	71.8	71.8	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	72.4	75.0	75.3	75.8	76.1	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 18000	72.4	75.0	75.3	75.8	76.1	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	72.4	75.0	75.3	75.8	76.1	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 14000	72.7	75.3	75.5	76.1	76.3	76.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	75.4	78.0	78.2	78.8	79.0	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	78.8	81.6	81.9	82.4	82.7	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	79.6	82.4	82.7	83.2	83.5	83.5	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	82.5	85.3	85.6	86.2	86.4	86.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 7000	83.1	85.9	86.2	86.7	87.0	87.0	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 6000	83.6	86.6	86.8	87.4	87.6	87.6	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 5000	85.8	88.7	89.0	89.5	89.8	89.8	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9
≥ 4500	85.8	88.7	89.0	89.5	89.8	89.8	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9
≥ 4000	85.8	88.8	89.1	89.7	89.9	89.9	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
≥ 3500	86.0	89.1	89.4	89.9	90.2	90.2	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 3000	86.3	89.4	89.7	90.2	90.6	90.6	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 2500	86.6	89.7	89.9	90.5	90.9	90.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1
≥ 2000	86.8	90.1	90.3	91.1	91.5	91.5	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 1800	87.1	90.3	90.7	91.5	91.9	91.9	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.3
≥ 1500	88.2	91.4	91.8	92.6	93.0	93.0	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 1200	88.7	92.1	92.5	93.3	93.7	93.7	94.5	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1000	89.1	92.6	93.0	93.8	94.2	94.2	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.6
≥ 900	89.4	92.9	93.3	94.1	94.6	94.6	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 800	89.4	92.9	93.5	94.4	94.9	94.9	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 700	89.5	93.1	94.0	94.9	95.4	95.4	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 600	89.8	93.4	94.4	95.4	96.0	96.0	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 500	89.8	93.5	94.5	95.6	96.2	96.2	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 400	89.9	93.8	94.9	96.1	96.8	96.8	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 300	90.1	94.0	95.0	96.4	97.3	97.3	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 200	90.2	94.1	95.2	96.5	97.4	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.9
≥ 100	90.2	94.1	95.2	96.5	97.4	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	100.0
≥ 0	90.2	94.1	95.2	96.5	97.4	97.4	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.6	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	78.1	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	78.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	79.7	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	83.1	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	83.5	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	87.0	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	87.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	87.8	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	88.4	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	88.4	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	88.7	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	89.1	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	89.5	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	91.7	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	92.3	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	92.5	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	93.5	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	94.2	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	94.8	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	95.0	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.3	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	95.3	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	95.4	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	95.4	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.4	98.5	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.4	98.5	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.4	98.5	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.4	98.5	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.4	98.5	99.2	99.5	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 9000	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	81.5	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	87.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	88.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	91.5	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	93.0	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	94.0	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	95.4	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	96.0	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	96.1	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.5	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	96.6	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	96.6	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.6	98.7	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	96.6	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.6	98.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.6	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.6	98.8	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9000	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 5000	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.3	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3000	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	98.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047	AMARILLO MAP TX	73-80	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.2	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 20000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 18000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 14000	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 8000	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000	98.0	98.9	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	98.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 20000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 7000	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4000	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	78.7	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	78.7	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	78.7	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	79.2	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	80.6	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	84.5	85.4	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	84.9	85.8	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	87.0	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	87.6	88.5	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	88.5	89.4	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	91.5	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4500	91.8	93.0	93.1	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	93.0	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 3500	93.5	94.8	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 3000	93.8	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 2500	94.5	95.9	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 2000	94.9	96.4	96.7	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 1800	94.9	96.5	96.8	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	95.3	97.0	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	95.6	97.3	97.6	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 1000	95.9	97.6	97.9	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	96.0	97.7	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	96.1	97.8	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	96.2	97.9	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 600	96.3	98.1	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	96.4	98.3	98.7	98.9	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.4	98.3	98.8	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	96.4	98.4	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.4	98.4	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.4	98.4	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.4	98.4	98.9	99.3	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	77.3	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	83.9	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	85.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	85.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	86.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	89.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	89.9	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	91.9	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	92.5	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	92.7	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	93.1	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	93.3	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	93.5	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	93.8	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	94.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	94.2	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	94.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	94.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	95.4	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	96.1	98.1	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	96.2	98.5	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.4	98.8	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	96.5	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.5	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.1	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0
≥ 20000	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 18000	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 16000	71.8	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.6	72.6
≥ 14000	72.3	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.5	73.5
≥ 12000	74.3	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.5	75.5
≥ 10000	80.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3
≥ 9000	81.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8	82.8
≥ 8000	83.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
≥ 7000	84.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
≥ 6000	85.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.4	87.4
≥ 5000	87.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7
≥ 4500	87.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7
≥ 4000	88.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.9	90.9
≥ 3500	88.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.9	90.9
≥ 3000	89.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.7	91.7
≥ 2500	89.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 2000	89.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	93.0	93.0
≥ 1800	89.8	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	93.0	93.0
≥ 1500	90.1	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.7	93.7
≥ 1200	90.3	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.5	94.5
≥ 1000	90.9	93.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 900	90.9	93.8	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 800	90.9	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2
≥ 700	91.5	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	96.0	96.0
≥ 600	92.1	95.3	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.5	96.5
≥ 500	92.6	96.0	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.2	97.2
≥ 400	92.6	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0
≥ 300	92.6	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.8	98.8
≥ 200	92.6	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.9	98.9
≥ 100	92.6	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	99.9	100.0
≥ 0	92.6	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.6	66.9	67.6	67.9	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.7	68.7	68.8	68.8
≥ 20000	69.8	71.2	71.9	72.2	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.1	73.1
≥ 18000	69.8	71.2	71.9	72.2	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.1	73.1
≥ 6000	69.8	71.2	71.9	72.2	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.1	73.1
≥ 4000	70.0	71.6	72.6	72.8	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.8	73.8
≥ 2900	71.8	73.4	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.4	75.4	75.5	75.5
≥ 1000	77.7	79.3	80.4	80.6	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.6	81.7
≥ 900	78.6	80.2	81.3	81.6	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.7	82.8
≥ 800	81.6	83.3	84.4	84.7	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.6	85.8	85.9
≥ 700	83.2	85.3	86.6	86.8	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.2	88.3
≥ 6000	83.5	85.8	87.0	87.2	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.6	88.7
≥ 5000	84.9	87.4	88.6	88.8	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.2	90.3
≥ 4500	84.9	87.4	88.6	88.8	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.1	90.2	90.3
≥ 4000	84.9	87.5	88.7	89.0	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.2	90.2	90.3	90.5
≥ 3500	85.1	87.6	88.8	89.1	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.5	90.6
≥ 3000	85.1	87.6	88.8	89.1	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.5	90.6
≥ 2500	85.6	88.3	89.5	89.9	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.3	91.4
≥ 2000	85.8	88.7	90.3	90.7	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	92.1	92.2
≥ 1800	85.8	88.7	90.3	90.7	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	92.1	92.2
≥ 1500	86.4	89.5	91.1	91.5	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.9	93.0
≥ 1200	86.7	89.8	91.4	91.9	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.3	93.4
≥ 1000	87.2	90.3	91.9	92.5	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.0	94.1
≥ 900	87.2	90.3	91.9	92.5	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.1	94.2
≥ 800	87.2	90.5	92.5	93.0	93.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.6	94.8
≥ 700	87.2	90.7	92.9	93.4	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	95.0	95.2
≥ 600	87.4	91.0	93.1	93.7	94.4	94.5	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.3	95.4
≥ 500	87.9	91.8	94.1	95.2	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.9	97.0
≥ 400	88.0	92.5	94.8	95.8	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.6	97.7
≥ 300	88.0	92.6	94.9	96.2	97.0	97.2	97.6	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.3	98.4
≥ 200	88.0	92.6	94.9	96.2	97.0	97.2	97.6	97.7	97.8	98.1	98.3	98.3	98.7	98.7	98.8	98.9
≥ 100	88.0	92.6	94.9	96.2	97.0	97.3	97.7	97.8	98.0	98.3	98.5	98.5	99.1	99.1	99.5	100.0
≥ 0	88.0	92.6	94.9	96.2	97.0	97.3	97.7	97.8	98.0	98.3	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	74.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	74.1	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	74.9	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	75.8	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	78.0	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	82.8	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	82.8	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	85.2	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	86.3	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	86.7	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	87.1	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	87.1	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	87.4	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	88.2	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	88.3	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	89.2	91.8	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	90.1	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	90.1	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	91.5	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	91.8	94.8	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	92.2	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	92.3	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	92.5	96.5	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	92.5	96.6	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	92.6	96.8	97.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	92.7	97.0	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	92.9	97.4	98.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	92.9	97.7	98.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.9	97.7	98.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	97.7	98.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.9	97.7	98.3	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.3	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	74.6	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	74.9	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	75.5	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	76.1	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	76.5	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	81.2	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	81.5	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	82.7	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	82.7	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	83.5	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 5000	86.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	88.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4000	89.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	91.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.7	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	93.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	94.6	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	94.8	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	95.2	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	95.2	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	95.4	98.0	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	95.7	98.4	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	95.7	98.4	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	95.8	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 10000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	96.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	96.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	97.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	97.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.8	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.8	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.8	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.8	99.5	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.8	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 14000	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 5000	94.1	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	94.4	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	95.4	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3500	96.1	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3000	96.4	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.6	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	96.8	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.2	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.4	98.1	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	97.7	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	97.7	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	97.8	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	97.8	98.5	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.0	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.1	98.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.1	98.9	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.1	98.9	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.1	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	98.9	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 7000	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 5000	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4500	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	96.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
≥ 20000	75.2	75.8	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	75.3	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
≥ 16000	75.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 14000	76.0	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 12000	77.9	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 10000	83.1	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 9000	83.6	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
≥ 8000	85.4	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
≥ 7000	86.0	86.9	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4
≥ 6000	87.0	88.1	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
≥ 5000	89.4	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 4500	90.0	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 4000	90.8	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 3500	91.5	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3000	92.1	93.5	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 2500	92.5	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 2000	92.9	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 1800	93.1	94.8	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1500	93.5	95.4	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 1200	93.8	95.7	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1000	94.0	96.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 900	94.1	96.3	96.7	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 800	94.2	96.5	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 700	94.4	96.8	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 600	94.7	97.2	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 500	95.0	97.5	98.1	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	95.0	97.8	98.4	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300	95.0	98.0	98.6	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	95.0	98.0	98.6	99.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 100	95.0	98.0	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0
≥ 0	95.0	98.0	98.6	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	75.8	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000	79.2	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	79.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	83.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4500	84.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	84.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	85.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	85.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	87.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	88.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	88.5	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	89.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	89.4	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	89.7	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 900	90.0	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	91.4	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	91.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	91.9	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 500	91.9	94.9	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	92.2	95.4	96.4	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	92.4	96.0	97.1	98.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	92.4	96.0	97.1	98.1	98.3	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	92.4	96.0	97.1	98.1	98.3	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 0	92.4	96.0	97.1	98.1	98.3	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.1	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3
≥ 20000	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 18000	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 16000	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 14000	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.5
≥ 12000	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
≥ 10000	72.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3
≥ 9000	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.9	73.9	73.9	73.9
≥ 8000	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 7000	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4
≥ 6000	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4
≥ 5000	79.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 4500	79.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3
≥ 4000	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 3500	81.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 3000	82.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 2500	83.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 2000	84.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 1800	85.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1
≥ 1500	86.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1200	86.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1000	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 900	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 800	88.8	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 700	89.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 600	89.7	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8
≥ 500	90.1	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3
≥ 400	90.8	95.0	95.3	95.7	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 300	91.0	95.8	96.1	96.9	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.8	97.8
≥ 200	91.0	95.8	96.1	97.1	97.5	97.5	98.1	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.9	98.9
≥ 100	91.0	95.8	96.1	97.1	97.5	97.5	98.2	98.2	98.2	98.6	98.8	98.8	98.9	98.9	99.4	99.4
≥ 0	91.0	95.8	96.1	97.1	97.5	97.5	98.2	98.2	98.2	98.6	98.8	98.8	99.0	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.1	61.0	61.9	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.8	62.8	62.9	62.9
≥ 20000	60.3	64.3	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.3	66.3	66.4	66.4
≥ 18000	60.3	64.3	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.3	66.3	66.4	66.4
≥ 16000	60.3	64.3	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.3	66.3	66.4	66.4
≥ 14000	60.4	64.6	65.6	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.5	66.5	66.7	66.7
≥ 12000	61.7	65.8	66.8	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.8	67.8	67.9	67.9
≥ 10000	66.3	70.6	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.6	72.6	72.9	72.9
≥ 9000	67.1	71.4	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.5	73.5	73.8	73.8
≥ 8000	70.1	74.6	75.6	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.7	76.7	76.9	76.9
≥ 7000	71.4	75.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.9	77.9	78.2	78.2
≥ 6000	71.5	76.0	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	78.1	78.1	78.3	78.3
≥ 5000	73.1	77.5	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.6	79.6	79.9	79.9
≥ 4500	73.1	77.5	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.7	79.7	80.0	80.0
≥ 4000	74.0	78.8	79.9	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.7	80.7	81.1	81.1	81.5	81.5
≥ 3500	74.6	79.3	80.4	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.7	81.7	82.1	82.1
≥ 3000	75.1	79.9	81.1	81.4	81.7	81.7	81.7	81.8	81.8	81.8	81.9	81.9	82.4	82.4	82.8	82.8
≥ 2500	75.7	80.6	81.8	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.6	83.1	83.1	83.5	83.5
≥ 2000	76.4	81.3	82.5	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.8	83.8	84.2	84.2
≥ 1800	76.5	81.5	82.9	83.2	83.5	83.5	83.5	83.6	83.6	83.6	83.8	83.8	84.2	84.2	84.6	84.6
≥ 1500	77.1	82.5	84.0	84.4	84.7	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.6	85.6	86.0	86.0
≥ 1200	78.5	83.9	85.4	85.8	86.1	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.9	86.9	87.4	87.4
≥ 1000	79.0	84.6	86.1	86.5	86.9	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.8	87.8	88.2	88.2
≥ 900	79.4	85.0	86.5	86.9	87.4	87.5	87.5	87.6	87.6	87.6	87.8	87.8	88.2	88.2	88.6	88.6
≥ 800	80.0	86.1	87.6	88.1	88.5	88.6	88.6	88.8	88.8	88.8	88.9	88.9	89.3	89.3	89.7	89.7
≥ 700	80.1	86.4	88.2	88.6	89.3	89.4	89.4	89.6	89.6	89.6	89.7	89.7	90.1	90.1	90.6	90.6
≥ 600	80.7	87.1	88.9	89.3	90.1	90.3	90.3	90.4	90.4	90.4	90.6	90.6	91.0	91.0	91.4	91.4
≥ 500	81.4	88.5	90.6	91.1	92.1	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.9	92.9	93.3	93.3
≥ 400	81.9	90.1	92.5	93.5	94.4	94.6	94.6	94.7	94.7	94.9	95.0	95.0	95.4	95.4	95.8	95.8
≥ 300	81.9	90.6	93.2	94.4	95.7	96.1	96.5	96.7	96.7	97.1	97.2	97.2	97.6	97.6	98.1	98.1
≥ 200	81.9	90.6	93.3	94.6	96.0	96.4	96.8	96.9	96.9	97.8	98.1	98.1	98.5	98.5	98.9	99.0
≥ 100	81.9	90.6	93.3	94.6	96.0	96.4	96.8	96.9	96.9	97.8	98.3	98.3	98.8	98.8	99.4	99.9
≥ 0	81.9	90.6	93.3	94.6	96.0	96.4	96.8	96.9	96.9	97.8	98.3	98.3	98.9	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.7	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	64.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 18000	65.4	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	66.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	66.7	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	67.5	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 10000	71.1	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	71.8	75.6	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	74.2	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	74.7	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	75.6	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	76.9	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	77.1	81.3	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	77.5	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	78.5	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	79.2	83.3	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	79.9	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	81.1	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	81.7	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	82.4	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	83.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000	84.0	90.7	91.3	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	84.4	91.4	91.9	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	84.6	92.2	92.9	93.6	93.6	93.6	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	85.0	92.9	94.0	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	85.0	93.2	94.3	95.1	95.4	95.4	95.7	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	85.0	93.2	94.6	95.4	95.8	95.8	96.4	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	85.1	93.8	95.4	96.5	96.9	96.9	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	85.1	93.8	95.6	96.9	97.6	97.8	98.3	98.5	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	85.1	93.8	95.6	97.1	97.8	97.9	98.5	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	85.1	93.8	95.6	97.1	97.8	97.9	98.5	98.8	98.9	99.0	99.6	99.6	99.7	99.7	99.7	100.0
≥ 0	85.1	93.8	95.6	97.1	97.8	97.9	98.5	98.8	98.9	99.0	99.6	99.6	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 84 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	67.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	70.7	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	73.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	73.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	76.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	76.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	77.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	82.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	84.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	85.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	86.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	88.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	89.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	89.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	90.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	90.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	90.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	91.3	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	91.3	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	91.9	96.3	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	91.9	96.3	96.8	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	91.9	96.3	96.9	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	91.9	96.8	97.9	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	91.9	96.8	97.9	98.5	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	91.9	96.8	97.9	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 100	91.9	96.8	97.9	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9
≥ 0	91.9	96.8	97.9	98.6	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	60.3	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	69.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	71.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	75.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	78.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	79.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	81.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	86.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	87.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	88.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	89.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	90.6	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	91.9	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	92.2	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	92.2	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	92.8	94.6	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	93.1	94.9	94.9	95.0	95.1	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	93.3	95.1	95.1	95.3	95.4	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	93.6	95.6	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	94.0	96.1	96.3	96.4	96.5	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	94.3	96.5	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	94.3	96.8	97.1	97.2	97.5	97.5	97.5	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	94.3	97.5	98.1	98.6	98.9	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	94.3	97.5	98.1	98.8	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	94.3	97.5	98.1	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.3	97.5	98.1	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.3	97.5	98.1	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.3	97.5	98.1	98.9	99.3	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 | AMARILLO MAP TX | 73-80 | SEP
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 18000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	92.6	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	92.8	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	92.9	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	93.1	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	93.3	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	93.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	94.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	95.1	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	95.3	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	95.8	97.4	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	95.8	97.4	97.9	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	95.8	97.4	97.9	98.5	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	96.0	97.5	98.1	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	96.0	97.5	98.2	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.0	97.5	98.2	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.9	100.0
≥ 0	96.0	97.5	98.2	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	90.6	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	90.6	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	91.0	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	91.4	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	91.8	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	92.2	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	92.6	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	92.9	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	93.3	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	93.6	95.4	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	94.0	96.0	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	94.2	96.4	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	94.3	96.7	97.9	98.2	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 100	94.3	96.7	97.9	98.2	98.5	98.5	98.9	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.9	100.0
≥ 0	94.3	96.7	97.9	98.2	98.5	98.5	98.9	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 47 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	63.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	69.0	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 18000	69.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
≥ 16000	69.3	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 14000	69.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 12000	71.3	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
≥ 10000	75.1	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0
≥ 9000	75.7	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.6
≥ 8000	77.8	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8
≥ 7000	78.6	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7
≥ 6000	79.2	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4
≥ 5000	82.2	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 4500	82.6	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9
≥ 4000	83.5	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 3500	84.1	86.1	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 3000	85.1	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.7	87.7
≥ 2500	86.2	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 2000	87.0	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.0	90.0
≥ 1800	87.1	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.2	90.2
≥ 1500	87.7	90.3	90.6	90.7	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1200	88.4	91.1	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.9	91.9
≥ 1000	88.8	91.6	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 900	89.1	92.1	92.4	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.0
≥ 800	89.7	93.0	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1
≥ 700	90.1	93.6	94.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 600	90.3	94.0	94.6	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5
≥ 500	90.5	94.6	95.5	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 400	90.8	95.2	96.3	96.9	97.3	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8
≥ 300	90.9	95.5	96.7	97.5	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8
≥ 200	90.9	95.6	96.8	97.7	98.2	98.4	98.7	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3
≥ 100	90.9	95.6	96.8	97.7	98.2	98.4	98.8	98.9	98.9	99.1	99.3	99.3	99.4	99.4	99.7	99.8
0	90.9	95.6	96.8	97.7	98.2	98.4	98.8	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.7	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.8
≥ 20000	81.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 18000	81.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 16000	81.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 14000	81.0	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.2
≥ 12000	81.6	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7
≥ 10000	82.4	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.7
≥ 9000	82.8	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.1
≥ 8000	83.7	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.3
≥ 7000	83.9	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4
≥ 6000	84.5	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.1
≥ 5000	84.8	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6
≥ 4500	84.9	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.8
≥ 4000	86.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.2
≥ 3500	87.1	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3
≥ 3000	87.9	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.3
≥ 2500	88.6	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 2000	89.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	93.0
≥ 1800	89.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	93.0
≥ 1500	89.8	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.1
≥ 1200	90.3	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.8
≥ 1000	90.9	93.4	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.5
≥ 900	91.4	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0
≥ 800	91.4	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.0
≥ 700	91.9	94.6	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.7
≥ 600	92.7	95.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.8
≥ 500	93.0	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.2
≥ 400	93.3	96.4	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8
≥ 300	93.3	96.4	96.9	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.1
≥ 200	93.3	96.5	97.0	97.6	97.7	97.7	98.1	98.1	98.1	98.8	98.8	98.8	98.9	98.9	98.9	99.2
≥ 100	93.3	96.5	97.0	97.6	97.8	97.8	98.3	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.3	99.6
0	93.3	96.5	97.0	97.6	97.8	97.8	98.3	98.3	98.3	99.1	99.2	99.2	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
OCT — MONTH
0300-0500 — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.9	78.4	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.2
≥ 20000	78.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 18000	78.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 16000	78.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 14000	78.8	80.2	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 12000	80.0	81.5	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.3
≥ 10000	82.8	84.3	84.5	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.1
≥ 9000	82.9	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2
≥ 8000	84.3	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6
≥ 7000	84.5	86.0	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 6000	84.8	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.1
≥ 5000	85.6	87.2	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.0
≥ 4500	86.0	87.8	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.6
≥ 4000	87.0	88.7	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5
≥ 3500	87.5	89.2	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.1
≥ 3000	88.2	89.9	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7
≥ 2500	88.8	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.4
≥ 2000	90.1	91.8	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6
≥ 1800	90.3	92.1	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.9
≥ 1500	90.7	92.5	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3
≥ 1200	90.9	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.4
≥ 1000	91.1	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8
≥ 900	91.1	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.8
≥ 800	91.5	93.7	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.5
≥ 700	91.5	93.7	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.5
≥ 600	91.9	94.6	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4
≥ 500	92.2	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7
≥ 400	92.3	95.3	95.7	95.7	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5
≥ 300	92.5	95.4	95.8	95.8	96.1	96.1	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.3
≥ 200	92.5	95.4	95.8	95.8	96.1	96.2	96.6	96.9	96.9	97.3	97.3	97.3	97.6	97.6	97.6	98.3
≥ 100	92.5	95.4	95.8	95.8	96.1	96.2	96.6	96.9	96.9	97.3	97.3	97.3	97.6	97.6	98.3	98.9
≥ 0	92.5	95.4	95.8	95.8	96.1	96.2	96.6	96.9	96.9	97.3	97.3	97.3	97.6	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.3	75.4	75.8	75.9	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	77.2
≥ 20000	75.8	78.0	78.4	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.8
≥ 18000	75.8	78.0	78.4	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.8
≥ 16000	75.8	78.0	78.4	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.8
≥ 14000	76.5	78.6	79.0	79.3	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.6
≥ 12000	76.6	78.8	79.2	79.4	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.8
≥ 10000	78.0	80.2	80.6	80.9	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.3
≥ 9000	78.1	80.4	80.8	81.0	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.4
≥ 8000	79.4	81.7	82.1	82.4	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.7
≥ 7000	79.4	81.7	82.1	82.4	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.7
≥ 6000	79.8	82.1	82.5	82.8	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.3
≥ 5000	80.6	82.9	83.3	83.6	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	85.1
≥ 4500	80.8	83.1	83.5	83.7	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.3
≥ 4000	81.6	83.9	84.4	84.7	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.3
≥ 3500	81.7	84.0	84.5	84.8	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.4
≥ 3000	82.3	84.5	85.1	85.5	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.1
≥ 2500	82.4	84.7	85.2	85.6	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.2
≥ 2000	83.9	86.2	86.8	87.2	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.8
≥ 1800	83.9	86.2	86.8	87.2	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.8
≥ 1500	84.4	86.8	87.6	88.0	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.7
≥ 1200	85.6	88.2	89.0	89.4	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	91.0
≥ 1000	86.0	89.0	89.8	90.2	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.8
≥ 900	86.4	89.4	90.2	90.7	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.3
≥ 800	86.6	89.5	90.5	91.0	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.7
≥ 700	86.7	89.8	91.1	91.7	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.4
≥ 600	86.8	90.2	91.8	92.3	93.1	93.1	93.7	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.2
≥ 500	87.0	90.3	91.9	92.6	93.8	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.9
≥ 400	87.2	91.0	92.7	93.5	94.8	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	96.0
≥ 300	87.2	91.0	92.7	93.7	95.0	95.0	95.8	96.0	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.8
≥ 200	87.2	91.0	92.9	93.8	95.4	95.4	96.4	96.5	96.5	97.0	97.0	97.0	97.4	97.6	97.7	98.1
≥ 100	87.2	91.0	92.9	93.8	95.4	95.4	96.4	96.5	96.5	97.0	97.0	97.0	97.6	97.7	98.4	98.9
≥ 0	87.2	91.0	92.9	93.8	95.4	95.4	96.4	96.5	96.5	97.0	97.0	97.0	97.6	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 80 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23..47 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	73.5	75.1	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	79.3	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	79.3	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	79.6	81.3	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	80.6	82.4	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000	81.6	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	82.1	84.1	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	82.3	84.3	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	82.8	84.8	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
≥ 7000	83.1	85.1	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
≥ 6000	83.3	85.3	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2
≥ 5000	83.5	85.6	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
≥ 4500	83.9	86.0	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
≥ 4000	84.9	87.1	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0
≥ 3500	84.9	87.1	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3
≥ 3000	85.6	87.8	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0
≥ 2500	85.8	87.9	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1
≥ 2000	86.4	88.6	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥ 1800	86.8	89.2	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5
≥ 1500	87.1	90.1	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
≥ 1200	87.4	90.6	91.4	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 1000	87.8	91.0	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
≥ 900	88.0	91.8	92.7	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 800	88.0	91.9	93.0	93.3	93.5	93.5	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0
≥ 700	88.0	92.1	93.3	93.8	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8
≥ 600	88.0	92.3	93.7	94.5	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
≥ 500	88.2	92.5	94.0	94.8	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 400	88.2	92.5	94.1	95.0	96.4	96.5	96.9	96.9	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 300	88.2	92.9	94.5	95.4	96.8	96.9	97.7	97.8	97.8	98.3	98.4	98.5	98.7	98.8	98.9	98.9
≥ 200	88.2	92.9	94.5	95.4	96.8	96.9	97.7	97.8	97.8	98.3	98.4	98.5	98.7	98.8	99.1	99.2
≥ 100	88.2	92.9	94.5	95.4	96.8	96.9	97.7	97.8	97.8	98.3	98.4	98.5	98.7	98.8	99.2	99.6
≥ 0	88.2	92.9	94.5	95.4	96.8	96.9	97.7	97.8	97.8	98.3	98.4	98.5	98.7	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	83.9	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	84.7	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	84.7	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	86.7	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	86.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	86.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	87.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	87.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	88.4	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	89.4	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	89.8	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	90.1	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	90.9	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	90.9	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	91.0	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	91.3	93.5	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	91.4	94.1	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	91.4	94.2	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	91.4	94.4	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	91.9	94.6	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	91.7	94.8	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	91.7	94.9	95.8	96.6	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	91.7	95.0	96.0	96.8	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	91.8	95.4	96.5	97.3	98.1	98.1	98.4	98.5	98.5	98.9	99.2	99.3	99.3	99.3	99.3	99.3
≥ 200	91.8	95.4	96.5	97.3	98.1	98.1	98.4	98.5	98.5	99.1	99.3	99.6	99.7	99.7	99.9	99.9
≥ 100	91.8	95.4	96.5	97.3	98.1	98.1	98.4	98.5	98.5	99.1	99.3	99.6	99.9	99.9	100.0	100.0
≥ 0	91.8	95.4	96.5	97.3	98.1	98.1	98.4	98.5	98.5	99.1	99.3	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23147 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 18000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 16000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 14000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	89.1	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	90.1	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	90.5	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	91.4	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.1	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	92.3	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	92.3	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1500	92.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	92.9	94.5	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	93.3	95.4	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	93.4	95.6	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	93.4	96.1	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	93.4	96.4	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	93.4	96.5	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	93.4	96.5	97.0	97.7	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	93.4	96.5	97.0	97.7	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	93.5	96.6	97.2	97.8	98.4	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	93.5	96.6	97.2	97.8	98.4	98.4	98.7	98.7	98.7	99.2	99.3	99.3	99.5	99.5	99.5	99.5
≥ 100	93.5	96.6	97.2	97.8	98.4	98.4	98.7	98.7	98.7	99.2	99.3	99.3	99.5	99.5	99.6	99.9
≥ 0	93.5	96.6	97.2	97.8	98.4	98.4	98.7	98.7	98.7	99.2	99.3	99.3	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
≥ 20000	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.1
≥ 18000	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.2
≥ 16000	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2
≥ 14000	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2
≥ 12000	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2
≥ 10000	86.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
≥ 9000	86.4	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.5
≥ 8000	87.2	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4
≥ 7000	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7
≥ 6000	88.2	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.5
≥ 5000	88.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3
≥ 4500	89.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.9
≥ 4000	90.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5
≥ 3500	91.5	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1
≥ 3000	92.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8
≥ 2500	92.5	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 2000	93.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.8
≥ 1800	93.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1500	93.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.2
≥ 1200	93.8	95.0	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1000	94.0	95.3	95.6	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2
≥ 900	94.0	95.3	95.7	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5
≥ 800	94.0	95.4	96.0	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.8
≥ 700	94.0	95.4	96.0	96.2	96.2	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.8
≥ 600	94.1	96.1	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7
≥ 500	94.5	96.5	97.3	97.7	97.8	98.0	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.5
≥ 400	94.5	96.6	97.6	98.3	98.4	98.5	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2
≥ 300	94.5	96.6	97.6	98.3	98.4	98.5	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.2
≥ 200	94.5	96.8	97.8	98.5	98.7	98.8	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.6
≥ 100	94.5	96.8	97.8	98.5	98.7	98.8	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.6
≥ 0	94.5	96.8	97.8	98.5	98.7	98.8	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	79.6	79.7	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥ 20000	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.6
≥ 18000	83.1	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 16000	83.1	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 14000	83.1	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 12000	83.3	83.5	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	83.9	84.0	84.0
≥ 10000	84.5	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.6	85.6	85.8	85.8
≥ 9000	84.5	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.6	85.6	85.8	85.8
≥ 8000	84.7	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.4	86.4
≥ 7000	84.7	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.2	86.2	86.3	86.3	86.4	86.4
≥ 6000	86.0	87.0	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.6	87.6	87.8	87.8	87.9	87.9
≥ 5000	86.8	87.8	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.7	88.7
≥ 4500	87.2	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.1	89.1
≥ 4000	88.3	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	90.1	90.1	90.2	90.2
≥ 3500	88.8	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.9	90.9
≥ 3000	89.4	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.5	91.5
≥ 2500	89.5	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.7	91.7
≥ 2000	90.5	91.7	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.6
≥ 1800	90.5	91.7	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.6
≥ 1500	91.3	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.1	93.1	93.3	93.3	93.4	93.4
≥ 1200	91.8	93.0	93.1	93.5	93.7	93.8	93.8	93.8	93.8	94.0	94.1	94.1	94.2	94.2	94.4	94.4
≥ 1000	92.2	93.5	93.7	94.1	94.2	94.4	94.4	94.4	94.4	94.5	94.6	94.6	94.8	94.8	94.9	94.9
≥ 900	92.5	93.8	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.2	95.2
≥ 800	92.6	94.0	94.1	94.5	94.6	94.8	94.8	94.8	94.8	94.9	95.0	95.0	95.2	95.2	95.3	95.3
≥ 700	92.9	94.4	94.5	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.4	95.4	95.6	95.6	95.7	95.7
≥ 600	93.0	95.0	95.2	95.6	95.7	95.8	95.8	95.8	95.8	96.0	96.1	96.1	96.2	96.2	96.4	96.4
≥ 500	93.0	95.0	95.2	95.8	96.0	96.1	96.1	96.1	96.1	96.2	96.4	96.4	96.5	96.5	96.6	96.6
≥ 400	93.3	95.8	96.1	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.6	97.6	97.7	97.7
≥ 300	93.5	96.5	96.8	98.0	98.3	98.4	98.5	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.1	99.1
≥ 200	93.5	96.5	96.8	98.0	98.3	98.4	98.8	98.8	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.3
≥ 100	93.5	96.5	96.8	98.0	98.3	98.4	98.8	98.8	98.8	99.1	99.5	99.5	99.6	99.6	99.9	99.9
≥ 0	93.5	96.5	96.8	98.0	98.3	98.4	98.8	98.8	98.8	99.1	99.5	99.5	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | OCT (MONTH) | ALL (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.2	78.2	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
≥ 20000	81.1	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.7
≥ 18000	81.1	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7
≥ 16000	81.2	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8
≥ 14000	81.5	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2
≥ 12000	82.0	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.7
≥ 10000	83.3	84.5	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2
≥ 9000	83.5	84.7	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4
≥ 8000	84.6	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.6
≥ 7000	84.7	86.0	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
≥ 6000	85.2	86.5	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3
≥ 5000	85.7	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9	88.0
≥ 4500	86.1	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.4
≥ 4000	87.2	88.7	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.6
≥ 3500	87.7	89.3	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.2
≥ 3000	88.3	90.0	90.3	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.9
≥ 2500	88.7	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4
≥ 2000	89.6	91.3	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.3
≥ 1800	89.7	91.5	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5
≥ 1500	90.0	92.0	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
≥ 1200	90.5	92.5	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.8
≥ 1000	90.8	93.1	93.5	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4
≥ 900	91.0	93.4	93.9	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 800	91.1	93.6	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
≥ 700	91.2	93.9	94.5	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.6
≥ 600	91.5	94.4	95.1	95.5	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.3
≥ 500	91.6	94.6	95.4	95.9	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9
≥ 400	91.7	94.9	95.8	96.4	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6
≥ 300	91.8	95.1	96.0	96.7	97.3	97.4	97.7	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4
≥ 200	91.8	95.1	96.1	96.8	97.4	97.5	98.0	98.1	98.1	98.5	98.6	98.6	98.8	98.8	98.9	99.1
≥ 100	91.8	95.1	96.1	96.8	97.4	97.5	98.0	98.1	98.1	98.5	98.7	98.7	98.9	99.0	99.3	99.5
≥ 0	91.8	95.1	96.1	96.8	97.4	97.5	98.0	98.1	98.1	98.5	98.7	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	69.2	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 20000	73.8	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 18000	73.8	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 16000	73.8	74.2	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0
≥ 14000	74.0	74.4	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.3
≥ 12000	74.6	75.0	75.1	75.4	75.4	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
≥ 10000	76.8	77.4	77.5	77.8	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 9000	76.9	77.5	77.6	77.9	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3
≥ 8000	78.8	79.3	79.4	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
≥ 7000	79.7	80.3	80.4	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 6000	79.9	80.4	80.6	80.8	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.3	81.3
≥ 5000	81.3	81.8	81.9	82.2	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 4500	81.9	82.6	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 4000	82.6	83.3	83.5	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2	84.2
≥ 3500	83.5	84.2	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3000	83.8	84.4	84.6	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.3	85.3
≥ 2500	84.6	85.3	85.4	85.8	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 2000	85.3	86.0	86.1	86.5	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 1800	85.4	86.1	86.3	86.7	86.7	86.7	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 1500	86.0	86.8	86.9	87.4	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.1	88.1
≥ 1200	86.5	87.5	87.6	88.2	88.3	88.3	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 1000	86.8	87.9	88.1	88.6	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.3	89.3
≥ 900	86.9	88.2	88.3	88.9	89.0	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.6	89.6
≥ 800	87.5	89.0	89.2	89.9	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1
≥ 700	87.8	89.4	89.7	90.4	91.1	91.1	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7
≥ 600	88.1	89.9	90.1	90.8	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 500	88.3	90.4	90.8	91.7	92.5	92.5	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.1
≥ 400	88.3	90.8	91.5	92.4	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.8	93.8
≥ 300	88.3	91.4	92.2	93.3	94.3	94.3	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.1	95.1
≥ 200	88.3	91.4	92.2	93.3	94.4	94.4	94.9	94.9	94.9	95.6	95.6	95.6	95.7	96.3	96.4	96.4
≥ 100	88.3	91.4	92.2	93.3	94.6	94.6	95.0	95.1	95.1	95.8	95.8	95.8	96.9	97.5	98.1	99.3
≥ 0	88.3	91.4	92.2	93.3	94.6	94.6	95.0	95.1	95.1	95.8	95.8	95.8	97.1	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.6	66.5	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6
≥ 20000	69.3	70.4	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 18000	69.3	70.4	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 16000	69.3	70.4	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 14000	69.3	70.4	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 12000	70.1	71.3	71.3	71.8	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.4	72.4	72.4	72.4
≥ 10000	73.2	74.4	74.4	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6
≥ 9000	73.2	74.4	74.4	75.0	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6
≥ 8000	75.3	76.5	76.5	77.1	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.6	77.6	77.6	77.6
≥ 7000	75.6	76.8	76.8	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.9	77.9	77.9	77.9
≥ 6000	75.6	76.8	76.8	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.9	77.9	77.9	77.9
≥ 5000	76.7	77.9	77.9	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0
≥ 4500	78.1	79.3	79.3	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.4	80.4	80.4	80.4
≥ 4000	78.5	79.7	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 3500	78.9	80.1	80.1	80.7	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0	81.3	81.3	81.3	81.3
≥ 3000	79.0	80.4	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.5
≥ 2500	79.7	81.1	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6
≥ 2000	80.0	81.4	81.7	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 1800	80.0	81.4	81.7	82.4	82.5	82.5	82.6	82.6	82.6	82.8	82.8	82.8	83.1	83.1	83.1	83.1
≥ 1500	81.0	82.5	82.8	83.6	83.8	83.8	83.9	84.0	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4
≥ 1200	81.5	83.1	83.3	84.2	84.3	84.3	84.4	84.6	84.6	84.9	84.9	84.9	85.1	85.1	85.1	85.1
≥ 1000	82.2	84.0	84.3	85.1	85.3	85.3	85.4	85.6	85.6	85.8	85.8	85.8	86.1	86.1	86.1	86.1
≥ 900	82.8	84.7	85.1	86.1	86.3	86.3	86.4	86.5	86.5	86.8	86.8	86.8	87.1	87.1	87.1	87.1
≥ 800	83.2	85.3	85.7	86.7	86.9	86.9	87.1	87.2	87.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9
≥ 700	83.6	86.0	86.5	87.5	87.8	87.8	87.9	88.1	88.1	88.5	88.5	88.5	88.8	88.8	88.8	88.8
≥ 600	83.8	86.4	86.9	87.9	88.3	88.3	88.5	88.8	88.8	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 500	84.4	87.5	88.5	89.6	90.0	90.0	90.1	90.4	90.4	90.8	90.8	90.8	91.1	91.1	91.1	91.1
≥ 400	85.3	88.6	89.7	91.7	92.1	92.1	92.4	92.8	92.8	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 300	85.3	88.8	89.9	92.1	92.5	92.6	92.9	93.5	93.5	94.4	94.4	94.4	94.7	94.7	94.7	94.7
≥ 200	85.3	88.8	89.9	92.2	92.8	92.9	93.3	93.9	93.9	95.0	95.3	95.3	95.7	95.8	96.0	96.0
≥ 100	85.3	88.8	89.9	92.2	92.8	93.1	93.6	94.2	94.2	95.6	96.4	96.5	97.4	97.6	98.1	99.6
≥ 0	85.3	88.8	89.9	92.2	92.8	93.1	93.6	94.2	94.2	95.6	96.4	96.5	97.4	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 66 0-14-8 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	61.8	64.9	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.4	66.4	66.7	66.8
≥ 20000	65.7	68.8	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.6	70.7
≥ 18000	65.7	68.8	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.6	70.7
≥ 16000	65.7	68.8	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.6	70.7
≥ 14000	66.1	69.2	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.7	70.7	71.0	71.1
≥ 12000	67.1	70.6	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.1	72.1	72.4	72.5
≥ 11000	68.2	71.7	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.5	73.6
≥ 9900	69.3	72.9	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.4	74.4	74.7	74.9
≥ 8000	71.4	75.0	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.5	76.5	76.8	76.9
≥ 7000	71.8	75.4	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.9	76.9	77.2	77.4
≥ 6000	71.9	75.6	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	77.1	77.1	77.4	77.5
≥ 5000	72.8	76.7	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.3	78.3	78.6	78.8
≥ 4500	73.3	77.2	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	78.9	79.2	79.3
≥ 4000	73.6	77.5	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.2	79.2	79.4	79.6
≥ 3500	73.9	78.3	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.3	80.4
≥ 3000	74.0	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.3	80.3	80.6	80.7
≥ 2500	74.9	79.3	80.0	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.5	81.7
≥ 2000	75.3	79.7	80.4	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.7	81.7	81.9	82.1
≥ 1800	75.8	80.3	81.0	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	82.2	82.2	82.5	82.6
≥ 1500	76.8	81.3	82.1	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.5	83.5	83.8	83.9
≥ 1200	77.5	81.9	82.8	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	84.3	84.3	84.6	84.7
≥ 1000	77.8	82.6	83.8	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.6	85.7
≥ 900	78.1	83.3	84.6	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	86.3	86.3	86.5	86.7
≥ 800	78.9	84.4	85.8	86.5	86.7	86.8	86.9	86.9	86.9	87.4	87.4	87.4	87.9	87.9	88.2	88.3
≥ 700	79.3	85.3	86.7	87.4	87.5	87.6	87.8	87.8	87.8	88.2	88.2	88.2	88.8	88.8	89.0	89.2
≥ 600	79.7	86.0	87.4	88.1	88.2	88.3	88.5	88.5	88.5	88.9	88.9	88.9	89.4	89.4	89.7	89.9
≥ 500	80.3	87.4	88.9	89.6	89.9	90.0	90.1	90.1	90.1	90.6	90.6	90.6	91.1	91.1	91.4	91.5
≥ 400	80.7	88.3	90.1	91.0	91.4	91.5	91.7	91.7	91.7	92.4	92.4	92.4	92.9	92.9	93.2	93.3
≥ 300	80.7	88.5	90.4	91.3	91.7	91.8	92.1	92.5	92.5	93.5	93.5	93.5	94.0	94.0	94.3	94.4
≥ 200	80.7	88.6	90.6	91.4	91.8	91.9	92.5	93.2	93.2	94.2	94.3	94.3	94.9	94.9	95.1	95.4
≥ 100	80.7	88.6	90.6	91.4	91.9	92.2	92.8	93.6	93.6	94.7	94.9	94.9	96.1	96.1	97.4	99.6
≥ 0	80.7	88.6	90.6	91.4	91.9	92.2	92.8	93.6	93.6	94.7	94.9	94.9	96.1	96.1	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 723

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 — HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.9	63.9	64.4	64.6	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 20000	67.1	69.0	69.9	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
≥ 18000	67.1	69.0	69.9	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6
≥ 9000	67.4	69.3	70.1	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 14000	68.6	70.6	71.4	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
≥ 12000	69.2	71.4	72.2	72.4	72.6	72.6	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 10000	70.0	72.2	73.1	73.5	73.9	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
≥ 9000	70.3	72.5	73.3	73.8	74.2	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 8000	71.8	74.0	74.9	75.3	75.7	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3
≥ 7000	72.2	74.4	75.3	75.7	76.1	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
≥ 6000	72.8	75.0	75.8	76.3	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
≥ 5000	73.5	75.7	76.5	76.9	77.4	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 4500	73.6	75.8	76.7	77.1	77.5	77.5	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1
≥ 4000	73.8	76.0	76.8	77.2	77.6	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
≥ 3500	74.2	76.4	77.2	77.6	78.2	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8
≥ 3000	74.4	76.8	77.6	78.1	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2
≥ 2500	75.3	77.6	78.5	78.9	79.4	79.4	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 2000	75.6	78.2	79.0	79.4	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6
≥ 1800	76.1	78.8	79.6	80.0	80.7	80.7	81.1	81.3	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 1500	77.2	80.4	81.4	82.1	82.8	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 1200	78.3	81.9	83.2	83.9	84.6	84.6	85.0	85.1	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6
≥ 1000	79.3	83.8	85.0	85.7	86.4	86.4	86.9	87.1	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 900	79.7	84.7	86.1	86.9	87.6	87.6	88.3	88.5	88.8	89.0	89.0	89.0	89.2	89.2	89.2	89.2
≥ 800	79.9	85.3	86.7	87.6	88.3	88.3	89.0	89.2	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9
≥ 700	79.9	85.7	87.1	88.2	88.9	88.9	89.7	89.9	90.1	90.7	90.7	90.7	90.8	90.8	90.8	90.8
≥ 600	80.0	86.5	87.9	89.2	89.9	89.9	90.7	90.8	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 500	80.1	86.7	88.1	89.7	90.6	90.6	91.4	91.5	91.9	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 400	80.1	86.8	88.2	90.0	91.1	91.3	92.5	92.6	93.1	94.3	94.7	94.7	94.9	94.9	94.9	94.9
≥ 300	80.1	86.9	88.3	90.1	91.3	91.4	93.1	93.3	93.8	95.4	95.8	95.8	96.0	96.0	96.0	96.0
≥ 200	80.1	86.9	88.6	90.7	91.8	91.9	94.2	94.6	95.0	97.4	97.8	97.8	98.3	98.3	98.3	98.5
≥ 100	80.1	86.9	88.6	90.7	91.8	91.9	94.2	94.6	95.0	97.4	97.8	97.8	98.6	98.6	99.0	99.7
≥ 0	80.1	86.9	88.6	90.7	91.8	91.9	94.2	94.6	95.0	97.4	97.8	97.8	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.7	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	71.0	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	71.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	71.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	72.1	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	73.2	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	74.9	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000	75.1	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	76.0	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	76.4	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	76.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	77.8	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	77.8	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	78.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	78.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	79.3	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2500	81.0	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2000	83.1	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	83.8	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500	85.1	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1200	86.0	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	86.9	91.5	91.8	92.5	92.5	92.6	92.6	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	87.1	91.7	91.9	92.9	92.9	93.1	93.1	93.1	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	87.2	91.9	92.2	93.3	93.3	93.5	93.6	93.6	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	87.4	92.2	92.5	93.6	93.6	93.8	94.0	94.0	94.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	87.4	92.4	92.8	93.9	94.6	94.7	95.0	95.0	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	87.5	92.6	93.1	94.2	95.0	95.3	95.6	95.7	95.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	87.6	93.1	93.8	95.0	95.8	96.1	96.4	96.5	96.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	87.6	93.2	93.9	95.1	96.0	96.3	96.5	96.8	96.8	97.9	98.3	98.3	98.5	98.5	98.5	98.5
≥ 200	87.6	93.2	93.9	95.3	96.4	96.7	97.1	97.4	97.4	98.8	99.3	99.3	99.6	99.6	99.6	99.6
≥ 100	87.6	93.2	93.9	95.3	96.4	96.7	97.1	97.4	97.4	98.8	99.3	99.3	99.9	100.0	100.0	100.0
≥ 0	87.6	93.2	93.9	95.3	96.4	96.7	97.1	97.4	97.4	98.8	99.3	99.3	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 20000	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 14000	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	75.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	77.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	77.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	82.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500	83.6	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	84.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	87.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	88.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	88.5	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	90.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	90.6	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	91.4	93.5	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	91.5	93.8	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	91.7	94.0	94.6	94.6	94.6	94.6	94.7	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	91.7	94.2	94.9	95.0	95.0	95.0	95.1	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	91.7	94.4	95.1	95.3	95.3	95.3	95.4	95.4	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	91.7	94.4	95.1	95.3	95.3	95.3	95.4	95.4	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	91.7	94.4	95.6	95.8	95.8	95.8	96.5	96.5	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	91.7	94.4	95.8	96.1	96.3	96.3	97.2	97.2	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	91.7	94.4	95.8	96.1	96.3	96.3	97.2	97.2	97.6	98.5	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	91.7	94.4	95.8	96.1	96.3	96.3	97.2	97.2	97.6	98.8	99.3	99.4	99.6	99.6	99.7	100.0
≥ 0	91.7	94.4	95.8	96.1	96.3	96.3	97.2	97.2	97.6	98.8	99.3	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 47 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.9	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
≥ 20000	75.8	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 18000	75.8	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 16000	75.8	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 14000	76.4	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
≥ 12000	77.8	78.2	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 10000	80.6	81.0	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7
≥ 9000	80.8	81.3	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
≥ 8000	82.5	82.9	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 7000	83.3	83.8	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 6000	83.8	84.3	84.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 5000	85.1	85.7	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 4500	85.3	85.8	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 4000	86.4	86.9	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 3500	86.7	87.2	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 3000	87.4	87.9	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 2500	87.9	88.6	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
≥ 2000	88.8	89.6	89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
≥ 1800	89.0	89.9	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 1500	89.7	90.6	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 1200	90.4	91.3	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 1000	90.7	91.5	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.8
≥ 900	90.8	91.7	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 800	91.5	92.4	92.8	93.3	93.6	93.6	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 700	91.7	92.5	92.9	93.6	93.9	93.9	93.9	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 600	91.8	92.9	93.3	94.0	94.3	94.3	94.3	94.3	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 500	92.1	93.6	94.0	94.7	95.0	95.0	95.0	95.0	95.1	95.8	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	92.1	93.6	94.0	94.9	95.3	95.3	95.3	95.3	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.7
≥ 300	92.1	93.6	94.0	95.4	95.8	95.8	96.0	96.0	96.3	97.1	97.2	97.2	97.2	97.2	97.2	97.4
≥ 200	92.1	93.6	94.0	95.4	95.8	95.8	96.0	96.0	96.3	97.1	97.2	97.2	97.5	97.5	97.6	97.8
≥ 100	92.1	93.6	94.0	95.4	95.8	95.8	96.3	96.3	96.5	97.6	98.1	98.1	98.6	98.6	99.0	99.9
≥ 0	92.1	93.6	94.0	95.4	95.8	95.8	96.3	96.3	96.5	97.6	98.1	98.1	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.3	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	75.6	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	75.6	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	75.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	76.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	77.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	79.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	79.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	80.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	81.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000	81.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	82.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	82.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	83.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	84.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	85.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	86.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	86.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800	86.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	87.5	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	87.9	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	88.3	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900	88.5	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	88.5	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	88.9	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	88.9	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	89.3	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 400	89.3	91.9	92.2	92.4	92.5	92.5	92.8	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	89.3	92.1	92.4	93.3	93.6	93.6	93.9	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 200	89.3	92.1	92.4	93.8	94.0	94.0	94.7	94.7	94.7	96.1	96.3	96.3	96.3	96.4	96.5	96.5
≥ 100	89.3	92.1	92.4	93.8	94.0	94.2	95.0	95.0	95.0	96.7	96.8	96.8	97.4	97.5	98.1	99.4
≥ 0	89.3	92.1	92.4	93.8	94.0	94.2	95.0	95.0	95.0	96.7	96.8	96.8	97.5	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	66.9	68.1	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8
≥ 20000	71.5	72.7	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5
≥ 18000	71.5	72.7	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.5
≥ 16000	71.6	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.6	73.6
≥ 14000	72.2	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	74.	74.0	74.0	74.1	74.1	74.1	74.2
≥ 12000	73.1	74.4	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2
≥ 10000	75.1	76.5	76.7	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4
≥ 9000	75.4	76.8	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.7	77.7
≥ 8000	76.9	78.3	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.2	79.2
≥ 7000	77.5	78.9	79.2	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.8	79.8
≥ 6000	77.8	79.3	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.2
≥ 5000	79.0	80.5	80.7	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4	81.4
≥ 4500	79.4	81.0	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 4000	80.1	81.6	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.6
≥ 3500	80.5	82.2	82.4	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1
≥ 3000	81.0	82.7	83.0	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.7	83.7
≥ 2500	82.2	84.0	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.1	85.1
≥ 2000	82.9	84.9	85.2	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0
≥ 1800	83.2	85.2	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.5	86.5
≥ 1500	84.2	86.4	86.8	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.9
≥ 1200	84.8	87.2	87.7	88.2	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	88.9
≥ 1000	85.4	88.1	88.6	89.1	89.3	89.3	89.4	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9
≥ 900	85.7	88.5	89.1	89.7	89.8	89.8	90.0	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.5
≥ 800	86.0	89.1	89.7	90.3	90.6	90.6	90.8	90.8	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.5
≥ 700	86.3	89.5	90.2	90.9	91.1	91.1	91.4	91.4	91.5	91.9	91.9	91.9	92.0	92.0	92.1	92.1
≥ 600	86.4	90.0	90.6	91.3	91.7	91.8	92.0	92.0	92.1	92.6	92.6	92.6	92.7	92.7	92.8	92.8
≥ 500	86.7	90.6	91.3	92.1	92.6	92.6	92.8	92.9	93.0	93.6	93.7	93.7	93.8	93.8	93.9	93.9
≥ 400	86.9	91.0	91.9	92.9	93.4	93.5	93.9	94.0	94.1	94.9	95.0	95.0	95.1	95.1	95.2	95.2
≥ 300	86.9	91.1	92.1	93.4	93.9	94.0	94.5	94.7	94.9	95.8	95.9	95.9	96.1	96.1	96.1	96.2
≥ 200	86.9	91.1	92.2	93.5	94.2	94.3	95.0	95.2	95.4	96.6	96.8	96.8	97.1	97.2	97.3	97.4
≥ 100	86.9	91.1	92.2	93.5	94.2	94.3	95.1	95.4	95.6	96.9	97.3	97.3	98.1	98.2	98.7	99.7
≥ 0	86.9	91.1	92.2	93.5	94.2	94.3	95.1	95.4	95.6	96.9	97.3	97.3	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5760

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.9	76.9
≥ 20000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.3	82.3
≥ 18000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.3	82.3
≥ 16000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.3	82.3
≥ 14000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.8	82.8
≥ 12000	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.3	84.3
≥ 10000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.9	85.9
≥ 9000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.9	85.9
≥ 8000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.1	87.1
≥ 7000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.1	87.1
≥ 6000	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2
≥ 5000	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.4	87.4
≥ 4500	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.4	87.4
≥ 4000	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.9	87.9
≥ 3500	87.5	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.3	88.3
≥ 3000	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.4	88.4
≥ 2500	89.2	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1	90.1
≥ 2000	90.9	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.1	92.1
≥ 1800	91.0	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.2	92.2
≥ 1500	91.9	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.9	92.9
≥ 1200	92.3	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7
≥ 1000	92.7	93.3	93.7	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.6	94.6
≥ 900	93.0	93.7	94.1	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.0	95.0
≥ 800	93.0	93.8	94.2	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4
≥ 700	93.0	93.8	94.2	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.6	95.6
≥ 600	93.0	94.0	94.4	95.2	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	96.2	96.2
≥ 500	93.0	94.1	94.5	95.3	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.6	96.6
≥ 400	93.0	94.1	94.5	95.4	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.9	96.9	97.0	97.0
≥ 300	93.0	94.2	94.6	95.6	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.3	97.3
≥ 200	93.0	94.2	94.8	95.8	96.6	96.6	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.3	98.3
≥ 100	93.0	94.2	94.8	95.8	96.8	96.8	97.6	97.6	97.6	97.7	98.1	98.1	99.1	99.1	99.6	100.0
≥ 0	93.0	94.2	94.8	95.8	96.8	96.8	97.6	97.6	97.6	97.7	98.1	98.1	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	87.2	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	87.2	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	87.6	87.9	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	87.8	88.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	87.8	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	89.0	89.5	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	90.5	91.1	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	90.7	91.7	92.2	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	91.4	92.5	93.0	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	91.7	92.7	93.3	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	92.1	93.4	94.0	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	92.2	93.7	94.2	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	92.3	94.4	94.9	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	92.3	94.9	95.4	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	92.3	94.9	95.6	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	92.3	95.0	95.7	96.2	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	92.3	95.2	96.0	96.6	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	92.3	95.3	96.2	96.9	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	92.3	95.3	96.4	97.0	97.2	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.3
≥ 100	92.3	95.3	96.4	97.0	97.2	97.2	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	99.2	99.6
≥ 0	92.3	95.3	96.4	97.0	97.2	97.2	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.7	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	79.7	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	79.7	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 16000	80.2	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	81.5	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000	82.1	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	83.6	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	84.1	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	84.9	85.3	85.3	35.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	85.1	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	85.1	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	85.3	85.9	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	85.3	85.9	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	85.8	86.3	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	86.3	86.8	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	86.4	87.0	87.1	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	87.8	88.3	88.4	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	88.7	89.5	89.9	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	88.8	89.7	90.1	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	90.1	91.1	91.7	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	90.9	92.2	92.7	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	91.3	92.9	93.5	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	91.4	93.4	94.1	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	91.4	93.7	94.4	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	91.5	94.4	95.0	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	91.5	94.4	95.0	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	91.5	94.4	95.0	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	91.5	94.5	95.2	96.1	96.2	96.2	96.4	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 300	91.5	94.6	95.6	96.5	96.6	96.6	96.9	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6
≥ 200	91.5	94.6	95.6	96.6	96.8	96.8	97.3	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 100	91.5	94.6	95.6	96.6	96.8	96.8	97.3	97.6	97.6	98.0	98.0	98.0	98.7	98.7	99.3	99.9
≥ 0	91.5	94.6	95.6	96.6	96.8	96.8	97.3	97.6	97.6	98.0	98.0	98.0	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	69.4	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	78.2	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	78.5	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	78.8	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	80.6	81.5	81.5	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	82.0	82.8	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	82.8	83.6	83.6	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	82.9	83.7	83.7	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.4	85.2	85.2	85.6	85.6	85.6	85.8	85.8	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	85.2	86.2	86.2	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	85.2	86.2	86.2	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	85.5	86.6	86.7	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	85.6	86.7	86.8	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	85.6	86.8	87.0	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	86.2	87.4	87.5	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	86.8	88.0	88.2	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	87.5	88.7	88.8	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	89.0	90.2	90.3	91.4	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	89.7	90.9	91.0	92.1	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1500	90.3	91.9	92.1	93.1	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	91.3	93.3	93.4	94.5	94.6	94.6	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	91.4	93.4	93.5	94.9	95.0	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	91.4	93.4	93.5	95.0	95.2	95.3	95.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	91.5	93.5	93.7	95.2	95.4	95.6	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	91.5	93.7	94.1	95.7	96.1	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	91.5	93.7	94.2	96.0	96.5	96.6	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	91.5	93.7	94.2	96.1	96.6	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	91.5	93.7	94.2	96.2	96.9	97.2	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	91.5	93.7	94.2	96.2	96.9	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.8	98.8	98.8	98.8
≥ 200	91.5	93.7	94.2	96.2	96.9	97.4	97.7	98.1	98.4	98.5	98.5	98.5	98.9	98.9	99.2	99.3
≥ 100	91.5	93.7	94.2	96.2	96.9	97.4	97.7	98.1	98.4	98.5	98.5	98.5	99.1	99.1	99.6	100.0
≥ 0	91.5	93.7	94.2	96.2	96.9	97.4	97.7	98.1	98.4	98.5	98.5	98.5	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.8	85.3	P5.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	85.8	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	86.0	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	86.4	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	87.5	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	88.0	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	88.6	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	89.5	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	91.1	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	91.4	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	91.7	92.7	93.1	93.3	93.3	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	92.1	93.1	93.5	93.7	93.8	93.8	94.0	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	92.2	93.7	94.2	94.4	94.5	94.5	94.8	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	92.2	93.8	94.5	94.6	94.8	94.8	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	92.2	93.8	94.6	94.8	94.9	94.9	95.2	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	92.5	94.2	95.2	95.3	95.6	95.6	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	92.5	94.5	95.7	95.8	96.2	96.2	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	92.5	94.6	95.8	96.0	96.5	96.5	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	92.5	94.6	96.0	96.1	96.6	96.8	97.2	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	92.5	94.6	96.0	96.1	96.6	96.9	97.6	98.0	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 200	92.5	94.6	96.0	96.1	96.6	97.0	97.7	98.1	98.5	98.9	99.1	99.1	99.3	99.3	99.6	99.6
≥ 100	92.5	94.6	96.0	96.1	96.6	97.0	97.7	98.1	98.5	98.9	99.1	99.1	99.7	99.7	100.0	100.0
≥ 0	92.5	94.6	96.0	96.1	96.6	97.0	97.7	98.1	98.5	98.9	99.1	99.1	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.6	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 20000	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	80.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	80.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	82.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	85.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	86.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000	86.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	87.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	89.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	90.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	90.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	91.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	91.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.9	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	92.9	94.6	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	92.9	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	92.9	94.8	95.0	95.2	95.3	95.3	95.3	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	93.1	95.0	95.3	95.4	95.6	95.6	95.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	93.1	95.2	95.6	95.8	96.1	96.1	96.2	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	93.3	95.6	96.0	96.2	96.8	96.8	97.0	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	93.3	95.8	96.2	96.8	97.3	97.3	97.8	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	93.3	95.8	96.2	97.0	97.7	97.7	98.3	98.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	93.3	95.8	96.2	97.0	97.8	97.8	98.5	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	93.3	95.8	96.2	97.0	98.0	98.0	98.7	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.3	95.8	96.2	97.0	98.0	98.0	98.7	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.3	95.8	96.2	97.0	98.0	98.0	98.7	98.9	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 20000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 12000	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 9000	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.7	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	91.7	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	92.2	92.9	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	92.5	93.1	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.7	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1200	93.3	94.0	94.0	94.4	94.5	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	93.7	94.4	94.4	95.0	95.4	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	93.8	94.5	94.5	95.2	95.6	95.6	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	94.1	94.9	95.0	95.7	96.1	96.1	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	94.5	95.3	95.6	96.2	96.8	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	94.5	95.3	95.6	96.4	97.0	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	94.5	95.3	95.6	96.4	97.0	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	94.5	95.3	95.6	96.4	97.0	97.0	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	94.5	95.3	95.6	96.4	97.0	97.0	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	94.6	95.4	96.0	96.9	97.7	97.7	98.4	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
≥ 100	94.6	95.4	96.0	96.9	97.7	97.7	98.4	98.7	98.8	99.2	99.3	99.3	99.3	99.3	99.5	100.0
≥ 0	94.6	95.4	96.0	96.9	97.7	97.7	98.4	98.7	98.8	99.2	99.3	99.3	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	90.9	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	91.0	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	91.8	92.6	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	92.2	93.1	93.5	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	92.6	93.5	94.2	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	93.0	94.0	94.6	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	93.1	94.2	95.0	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 700	93.3	94.4	95.3	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	93.3	94.4	95.4	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	93.5	94.8	95.8	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	93.7	95.2	96.2	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	93.7	95.3	96.4	97.0	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	93.7	95.3	96.4	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
≥ 100	93.7	95.3	96.4	97.2	97.7	97.8	98.4	98.4	98.4	98.8	98.8	98.8	98.9	98.9	99.2	100.0
≥ 0	93.7	95.3	96.4	97.2	97.7	97.8	98.4	98.4	98.4	98.8	98.8	98.8	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 74

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23 47 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — YEARS
DEC — MONTH
ALL — HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
≥ 20000	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 18000	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
≥ 16000	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
≥ 14000	82.2	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 12000	83.3	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 10000	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 9000	84.7	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 8000	85.8	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 7000	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 6000	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	86.8	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
≥ 4500	87.1	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	87.6	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	88.1	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 3000	88.4	89.1	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	89.5	90.2	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	90.6	91.4	91.7	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	90.9	91.8	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1500	91.5	92.6	92.9	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	92.1	93.2	93.5	94.0	94.1	94.1	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	92.4	93.7	94.1	94.6	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 900	92.5	93.9	94.3	94.9	95.0	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	92.6	94.2	94.6	95.2	95.4	95.4	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 700	92.7	94.5	95.0	95.7	95.9	95.9	96.1	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	92.7	94.6	95.2	96.0	96.3	96.3	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 500	92.8	94.7	95.4	96.1	96.5	96.5	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	92.8	94.8	95.5	96.4	96.8	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 300	92.8	94.9	95.6	96.5	97.0	97.1	97.6	97.7	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 200	92.8	94.9	95.7	96.6	97.2	97.3	97.9	98.1	98.2	98.4	98.5	98.5	98.7	98.7	98.8	98.8
≥ 100	92.8	94.9	95.7	96.6	97.2	97.3	98.0	98.2	98.3	98.6	98.7	98.7	99.1	99.1	99.5	99.9
≥ 0	92.8	94.9	95.7	96.6	97.2	97.3	98.0	98.2	98.3	98.6	98.7	98.7	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.0	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 20000	73.8	75.0	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	73.9	75.1	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 16000	74.0	75.2	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
≥ 14000	74.5	75.8	76.0	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 12000	75.6	76.9	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000	78.3	79.7	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4
≥ 9000	78.6	80.0	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.7
≥ 8000	80.1	81.6	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	80.6	82.2	82.4	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 6000	81.3	82.9	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 5000	83.0	84.7	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
≥ 4500	83.4	85.1	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 4000	84.3	86.1	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 3500	84.9	86.8	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 3000	85.4	87.4	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 2500	86.2	88.3	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 2000	87.0	89.3	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1800	87.2	89.5	90.0	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1500	87.8	90.3	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
≥ 1200	88.3	91.0	91.6	91.9	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.5
≥ 1000	88.8	91.7	92.3	92.7	92.9	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3
≥ 900	89.0	92.0	92.6	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7
≥ 800	89.2	92.4	93.1	93.5	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 700	89.4	92.8	93.5	94.1	94.3	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
≥ 600	89.5	93.1	94.0	94.5	94.8	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 500	89.7	93.5	94.4	95.1	95.4	95.5	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 400	89.8	93.8	94.8	95.7	96.1	96.2	96.5	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 300	89.8	94.0	95.0	96.0	96.5	96.6	97.0	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.8	97.9
≥ 200	89.8	94.0	95.1	96.1	96.7	96.8	97.3	97.5	97.6	98.1	98.2	98.2	98.4	98.5	98.6	98.7
≥ 100	89.8	94.0	95.1	96.1	96.7	96.8	97.3	97.6	97.6	98.2	98.4	98.4	98.8	98.8	99.3	99.7
≥ 0	89.8	94.0	95.1	96.1	96.7	96.8	97.3	97.6	97.6	98.2	98.4	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 70122

PART D SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

1/10 and 4/10 into the 3/10 (scattered) category
5/10, 6/10 and 8/10 into the 9/10 (broken) category
0/10 is the clear category
10/10 is the overcast category

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047 | AMARILLO MAP TX | 74-81 | JAN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	39.2			13.5						11.7	35.7	5.0	743
	03-05	38.7			15.2						10.6	35.4	5.0	742
	06-08	34.7			16.5						14.0	34.8	5.2	741
	09-11	24.8			21.0						16.3	38.0	5.9	743
	12-14	24.1			22.2						21.3	32.4	5.8	743
	15-17	26.2			19.8						22.3	31.6	5.8	743
	18-20	33.1			17.5						18.4	31.0	5.3	744
	21-23	38.4			14.7						13.5	33.5	5.0	743
TOTALS		32.4			17.6						16.0	34.1	5.4	5942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	74-81	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	46.6			14.4						8.6	30.4	4.2	674
	03-05	43.5			13.8						10.3	32.4	4.6	669
	06-08	38.6			15.5						11.8	34.1	4.9	677
	09-11	30.9			19.2						15.4	34.6	5.4	677
	12-14	27.9			23.1						20.0	29.0	5.4	675
	15-17	26.0			20.7						23.5	29.8	5.7	677
	18-20	32.6			15.9						20.4	31.1	5.4	678
	21-23	41.1			21.0						8.9	29.1	4.3	677
TOTALS		35.9			18.0						14.9	31.3	5.0	5404

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	74-81	MAR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	40.8			16.4						14.7	28.1	4.6	743
	03-05	38.9			16.6						13.9	30.5	4.8	740
	06-08	33.9			19.7						13.5	33.0	5.1	743
	09-11	29.6			18.6						19.8	31.9	5.5	742
	12-14	28.0			23.0						18.7	30.3	5.4	739
	15-17	25.6			20.6						24.7	29.0	5.7	737
	18-20	31.0			21.2						20.0	27.8	5.2	741
	21-23	42.2			18.1						13.4	26.2	4.4	744
TOTALS		33.8			19.3						17.3	29.6	5.1	5929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	74-81	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	43.8			17.6						12.6	26.0	4.3	720
	03-05	40.6			18.3						14.9	26.3	4.5	720
	06-08	36.4			15.9						16.1	31.6	5.1	719
	09-11	34.3			14.6						21.5	29.6	5.3	720
	12-14	32.2			20.3						21.9	25.6	5.1	720
	15-17	25.3			25.9						25.1	23.7	5.4	718
	18-20	28.5			26.4						19.3	25.8	5.1	720
	21-23	39.7			20.4						14.7	25.1	4.5	720
TOTALS		35.1			19.9						18.3	26.7	4.9	5757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	74-81	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	36.4			18.4						15.6	29.6	4.9	744
	03-05	30.0			20.2						19.0	30.8	5.4	743
	06-08	23.7			20.5						19.7	36.2	6.0	743
	09-11	24.6			20.0						27.2	28.2	5.9	744
	12-14	22.2			26.0						29.2	22.6	5.7	743
	15-17	19.9			27.2						32.5	20.4	5.8	742
	18-20	25.0			27.1						26.0	21.9	5.3	741
	21-23	34.5			23.4						15.0	27.2	4.8	740
TOTALS		27.0			22.9						23.0	27.1	5.5	5940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047 AMARILLO MAP TX 73-80 JUN

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	45.1			17.4						13.8	23.8	4.1	720
	03-05	40.8			24.9						15.9	18.4	4.0	718
	06-08	35.0			29.4						22.1	13.5	4.2	720
	09-11	39.2			29.4						21.7	9.7	3.8	720
	12-14	32.0			36.2						23.5	8.2	4.0	718
	15-17	22.1			41.9						27.4	8.6	4.6	720
	18-20	25.8			31.1						28.8	14.3	5.0	720
	21-23	37.1			20.1						22.2	20.6	4.7	720
TOTALS		34.6			28.8						21.9	14.6	4.3	5756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23347	AMARILLO MAP TX	73-80	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	40.5			19.1						20.6	19.9	4.4	744
	03-05	34.4			25.1						20.4	20.0	4.6	744
	06-08	28.3			32.3						24.6	14.8	4.7	743
	09-11	29.7			36.3						22.8	11.2	4.3	744
	12-14	18.7			42.6						30.1	8.6	4.8	744
	15-17	13.7			45.3						32.1	8.9	5.1	744
	18-20	20.2			40.3						28.5	11.0	4.9	744
	21-23	30.0			31.2						22.8	16.0	4.6	744
TOTALS		26.9			34.0						25.2	13.8	4.7	5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	73-80	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	38.8			22.4						14.1	24.6	4.4	744
	03-05	38.7			23.3						14.8	23.2	4.4	742
	06-08	30.6			29.5						21.5	18.4	4.7	743
	09-11	36.7			28.9						21.0	13.4	4.1	744
	12-14	27.4			34.5						27.4	10.6	4.6	744
	15-17	18.1			45.7						27.6	8.6	4.7	744
	18-20	26.6			33.2						26.7	13.4	4.7	744
	21-23	37.1			23.8						18.7	20.4	4.4	744
TOTALS		31.8			30.2						21.5	16.6	4.5	5949

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	73-80	SEP
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	45.1			16.5						10.6	27.8	4.2	720
	03-05	42.3			16.6						12.4	28.8	4.5	719
	06-08	33.8			20.2						19.0	27.1	5.0	717
	09-11	30.4			25.7						19.2	24.7	5.0	720
	12-14	27.4			25.4						25.4	21.8	5.2	720
	15-17	24.4			30.4						24.0	21.1	5.2	720
	18-20	34.6			26.8						16.8	21.8	4.5	720
	21-23	42.8			20.1						11.3	25.8	4.2	720
TOTALS		35.1			22.7						17.3	24.9	4.7	5756

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	73-80	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	65.6			9.9						8.5	16.0	2.7	739
	03-05	62.7			13.2						9.7	14.4	2.7	735
	06-08	54.7			15.9						11.2	18.2	3.3	741
	09-11	53.0			12.7						14.5	19.8	3.7	743
	12-14	50.3			18.5						13.8	17.3	3.5	744
	15-17	45.2			23.0						14.1	17.7	3.7	744
	18-20	51.1			18.8						13.7	16.3	3.4	743
	21-23	59.7			13.7						8.0	18.6	3.0	742
TOTALS		55.3			15.7						11.7	17.3	3.3	5931

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	73-80	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	50.7			14.2						10.1	25.0	3.8	720
	03-05	48.0			14.5						9.4	28.1	4.1	716
	06-08	44.8			14.9						11.7	28.5	4.4	716
	09-11	37.5			19.6						13.6	29.2	4.7	716
	12-14	34.9			22.4						15.6	27.2	4.8	720
	15-17	36.3			22.5						16.9	24.3	4.6	720
	18-20	44.2			21.3						13.1	21.5	4.0	720
	21-23	51.1			14.4						9.0	25.4	3.8	720
TOTALS		43.4			18.0						12.4	26.2	4.3	5751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047 AMARILLO MAP TX 73-80 DEC

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	53.6			15.9						8.7	21.8	3.4	743
	03-05	52.4			17.6						9.4	20.6	3.4	744
	06-08	48.3			17.5						14.9	19.4	3.8	744
	09-11	37.0			21.2						21.1	20.7	4.6	744
	12-14	31.7			24.6						23.3	20.4	4.9	744
	15-17	32.4			23.8						23.0	20.8	4.9	744
	18-20	43.0			18.5						17.2	21.2	4.2	744
	21-23	50.1			16.8						10.8	22.3	3.7	744
TOTALS		43.6			19.5						16.1	20.9	4.1	5951

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23047	AMARILLO MAP TX	73-81	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	32.4			17.6						16.0	34.1	5.4	5942
FEB		35.9			18.0						14.9	31.3	5.0	5404
MAR		33.8			19.3						17.3	29.6	5.1	5929
APR		35.1			19.9						18.3	26.7	4.9	5757
MAY		27.0			22.9						23.0	27.1	5.5	5940
JUN		34.6			28.8						21.9	14.6	4.3	5756
JUL		26.9			34.0						25.2	13.8	4.7	5951
AUG		31.8			30.2						21.5	16.6	4.5	5949
SEP		35.1			22.7						17.3	24.9	4.7	5756
OCT		55.3			15.7						11.7	17.3	3.3	5931
NOV		43.4			18.0						12.4	26.2	4.3	5750
DEC		43.6			19.5						16.1	20.9	4.1	5951
TOTALS		36.2			22.2						18.0	23.6	4.7	70016

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

74-29966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
23 47 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 105						.7	.1						.1
≥ 100					.4	5.4	6.1	3.8	.4				1.3
≥ 95				.1	4.1	22.2	36.7	23.8	6.3	.1			7.8
≥ 90			.2	3.2	15.9	49.2	68.8	57.4	24.4	3.5			18.6
≥ 85		.4	.9	12.1	33.5	71.5	85.1	79.6	48.9	15.6	.3		29.1
≥ 80	.1	1.4	6.5	25.3	51.8	86.0	94.6	92.0	67.0	32.9	2.2	.2	38.4
≥ 75	1.9	5.3	16.7	42.2	68.6	94.0	97.8	96.8	79.4	49.9	9.3	1.4	47.0
≥ 70	6.0	11.2	28.8	58.9	82.1	97.3	99.4	99.3	90.1	64.7	23.1	7.3	55.8
≥ 65	14.7	22.9	42.3	74.6	88.9	98.8	99.6	99.7	95.4	77.6	37.5	17.1	64.2
≥ 60	26.0	36.4	56.4	84.6	96.3	99.8	100.0	99.9	97.7	87.6	53.0	31.1	72.5
≥ 55	39.2	51.1	69.5	90.7	98.8	100.0		100.0	99.2	92.5	65.2	45.7	79.4
≥ 50	53.2	63.0	78.9	95.0	99.6				99.7	96.3	77.6	61.2	85.4
≥ 45	64.3	72.3	86.6	97.7	99.8				99.9	98.4	83.9	73.3	89.7
≥ 40	74.0	80.9	92.6	99.4	99.9				100.0	99.4	91.5	83.8	93.5
≥ 35	82.8	88.9	95.5	99.7	100.0					99.7	96.0	89.8	96.0
≥ 30	88.3	94.1	98.2	99.9						100.0	99.2	95.1	97.9
≥ 25	92.5	97.1	99.0	100.0							99.6	98.0	98.8
≥ 20	96.3	98.9	99.8								99.8	99.2	99.5
≥ 15	98.2	99.9	100.0								100.0	99.8	99.8
≥ 10	99.4	100.0										100.0	100.0
≥ 5	100.0												100.0
MEAN	48.9	53.1	60.6	71.1	79.0	88.2	91.3	89.5	82.4	72.8	58.8	52.1	70.7
S.D.	14.824	14.181	13.658	11.663	10.343	8.185	6.631	6.734	9.424	11.429	12.704	12.573	18.748
TOTAL OBS.	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

23 47 AMARILLO MAP TX 46-81

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥	75						.4	.8	.1					.1
≥	70					.1	7.8	20.7	8.8	.4				3.2
≥	65				.1	1.8	30.7	66.1	50.4	11.4	.5			13.5
≥	60				1.1	13.6	64.5	94.4	88.6	41.1	3.0			25.6
≥	55			.2	5.9	37.9	87.8	99.4	98.2	64.6	12.8	.2		34.0
≥	50		.1	1.8	20.0	65.4	97.3	100.0	99.9	85.3	31.5	1.7	.1	42.0
≥	45	.6	1.2	7.0	39.1	85.0	99.4		100.0	94.8	54.5	6.9	1.4	49.3
≥	40	1.9	5.0	19.1	63.0	94.7	100.0			99.0	77.1	18.6	4.4	57.0
≥	35	8.2	16.6	39.5	81.6	98.4				100.0	91.1	39.0	10.4	65.5
≥	33	13.1	24.0	48.7	88.0	99.5					94.6	49.6	16.3	69.6
≥	30	24.1	36.7	62.1	93.9	99.9					97.8	62.8	28.0	75.5
≥	25	44.1	59.9	80.5	98.8	100.0					99.9	82.4	54.9	85.1
≥	20	62.9	77.8	91.5	99.8						100.0	92.5	78.1	91.9
≥	15	75.7	90.2	96.1	100.0							97.4	89.5	95.7
≥	10	85.6	96.6	98.4								99.1	96.1	98.0
≥	5	93.0	98.7	99.4								99.6	99.1	99.1
≥	0	97.3	99.6	99.8								100.0	99.7	99.7
≥	-5	99.0	99.7	100.0									100.0	99.9
≥	-10	99.9	99.9											100.0
≥	-15	100.0	100.0											100.0
	MEAN	21.5	26.0	31.8	42.2	51.9	61.4	66.0	64.3	56.8	45.4	32.0	25.1	43.7
	S.D.	10.400	8.905	9.042	8.139	6.991	5.793	3.959	3.985	6.774	7.837	8.491	8.223	17.339
	TOTAL OBS.	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 90						.4	.1						.0
≥ 85					.1	6.1	11.1	4.5	.1				1.8
≥ 80					1.8	24.0	51.3	34.6	6.0	.1			9.9
≥ 75				.8	13.9	56.8	81.8	72.9	30.5	1.8			21.6
≥ 70			.5	7.0	33.9	82.0	95.9	93.5	57.2	12.5			31.9
≥ 65		.2	2.2	21.4	58.1	94.3	99.4	98.9	77.4	32.0	.9	.1	40.5
≥ 60	.4	1.7	10.0	39.7	77.2	97.5	99.8	99.5	90.8	51.5	5.3	.4	47.9
≥ 55	2.3	6.9	23.0	63.9	91.1	99.9	100.0	99.9	96.7	73.0	20.8	3.8	56.9
≥ 50	10.4	18.4	40.6	79.0	97.6	100.0		100.0	99.0	86.5	37.9	12.2	65.3
≥ 45	23.2	36.6	61.3	89.9	99.5				99.8	94.2	56.7	29.2	74.3
≥ 40	42.5	54.9	75.4	95.7	99.8				100.0	97.8	74.2	49.2	82.5
≥ 35	58.6	71.0	86.8	99.4	100.0					99.5	86.1	69.3	89.3
≥ 30	70.6	81.7	93.5	99.7						99.9	93.8	83.8	93.6
≥ 25	81.4	90.8	97.2	100.0						100.0	98.1	91.9	96.6
≥ 20	89.9	95.8	98.6								99.5	96.9	98.4
≥ 15	94.4	98.8	99.4								99.7	98.9	99.3
≥ 10	97.4	99.7	99.9								99.9	99.6	99.7
≥ 5	99.2	99.9	100.0								100.0	100.0	99.9
≥ 0	99.7	100.0											100.0
≥ -5	100.0												100.0
MEAN	35.5	39.8	46.5	56.9	65.7	75.0	78.9	77.2	69.9	59.4	45.7	38.8	57.4
S.D.	11.790	10.660	10.474	9.010	7.868	6.434	4.849	4.856	7.312	8.779	9.732	9.540	17.554
TOTAL OBS.	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

USAFETAC FORM JUL 84 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46							102	100	92	84	75	75	
47	72	73	80	84	96	99	100	99	102	91	73	71	102
48	71	75	81	94	94	104	100	96	99	88	74	73	104
49	61	69	79	81	90	98	98	96	92	88	81	68	98
50	81	77	82	94	93	101	95	100	88	90	80	71	101
51	76	82	81	91	94	98	103	103	97	93	76	76	103
52	77	73	80	88	95	103	99	103	95	89	85	70	103
53	79	74	82	90	102	108	103	102	98	93	77	67	108
54	76	79	81	91	89	98	103	102	97	95	80	78	103
55	68	74	82	90	89	101	98	95	92	89	79	81	101
56	78	79	86	91	96	99	99	98	99	90	79	72	99
57	75	80	75	86	84	106	102	99	91	88	74	70	106
58	68	70	74	80	97	98	99	98	93	90	80	79	99
59	68	77	79	93	93	101	95	100	97	88	76	66	101
60	62	61	80	89	95	103	100	97	92	84	76	66	103
61	67	79	84	91	98	97	96	97	96	90	74	74	98
62	69	86	86	90	99	96	98	99	96	92	80	73	99
63	78	88	90	93	98	97	100	97	93	91	79	68	100
64	72	64	84	92	99	101	102	104	93	89	79	76	104
65	74	75	78	98	94	95	97	96	98	93	81	76	98
66	65	59	84	87	98	98	102	100	90	87	82	73	102
67	79	79	87	88	94	95	99	100	96	93	81	70	100
68	67	67	84	84	92	104	98	99	95	94	77	72	104
69	73	76	74	89	96	100	104	102	92	91	78	74	104
70	79	81	79	88	92	104	104	100	100	87	81	75	104
71	76	76	94	93	95	94	100	92	95	86	80	75	100
72	77	81	85	93	88	96	95	95	94	89	69	71	96
73	68	69	74	84	91	102	102	103	95	94	82	75	103
74	77	74	86	91	99	99	100	96	90	85	77	67	100
75	78	73	82	87	88	96	93	98	92	91	85	72	98
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	73	82	83	84	93	100	95	95	91	84	73	71	100
77	58	79	80	85	91	100	99	99	97	85	80	75	100
78	66	68	86	89	97	101	105	100	97	89	80	74	105
79	62	86	78	87	93	98	99	92	94	94	68	73	99
80	73	77	76	85	92	106	104	99	97	84	87	77	106
81	75	83	83	93	93								
MEAN	71.9	75.6	81.7	88.9	93.9	99.9	99.7	98.6	94.7	89.4	78.2	72.7	101.5
S.D.	5.971	6.753	4.457	4.000	3.807	3.436	3.029	2.962	3.195	3.218	4.131	3.652	2.788
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46							59	53	38	34	23	7	
47	-3	11	13	29	36	44	57	58	43	37	17	15	-3
48	3	0	-3	20	39	54	60	58	42	28	17	17	-3
49	-3	16	18	26	41	51	58	50	47	26	28	10	-3
50	-1	15	8	26	39	50	53	51	49	36	9	3	-1
51	-7	-14	16	26	40	43	56	59	39	29	13	5	-14
52	6	15	13	20	37	56	54	63	45	29	7	10	6
53	10	10	19	24	33	52	54	59	46	36	20	7	7
54	4	20	14	29	28	45	63	62	52	30	24	6	4
55	13	4	9	30	43	42	60	55	45	28	11	12	4
56	3	6	9	23	41	58	57	49	45	31	15	12	3
57	5	16	22	23	43	49	61	60	44	25	3	9	3
58	13	10	17	30	42	48	58	58	43	33	10	9	9
59	-11	11	16	27	41	51	56	59	39	30	8	23	-11
60	-4	2	0	31	36	53	58	55	44	29	20	17	-4
61	6	14	20	26	38	54	57	53	42	34	15	-3	-3
62	-8	3	12	25	34	51	59	55	45	33	26	8	-8
63	-9	11	15	36	42	54	63	59	40	40	22	5	-9
64	0	5	14	25	42	43	55	54	42	32	17	2	0
65	16	3	8	35	38	49	60	59	39	37	[illegible]	17	3
66	-6	8	16	25	35	48	66	52	47	30	20	6	-6
67	6	13	7	33	33	54	60	55	41	34	21	12	6
68	3	16	22	27	43	49	60	55	46	33	22	3	3
69	8	12	11	33	42	48	61	64	54	28	16	7	7
70	1	17	20	25	30	43	58	57	36	25	16	14	1
71	-4	0	10	24	33	50	54	58	39	31	24	15	-4
72	1	5	17	23	38	52	54	52	39	26	12	-1	-1
73	2	13	29	18	36	49	55	60	43	37	19	7	2
74	2	13	19	29	46	52	61	53	45	35	13	12	2
75	3	7	17	19	37	47	61	57	39	29	12	9	3
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23047 AMARILLO MAP TX 46-81

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76	1	14	13	31	32	48	57	54	38	25	0	8	0
77	-1	21	23	27	49	59	63	60	47	35	17	7	-1
78	5	6	8	33	32	55	57	56	45	34	21	-4	-4
79	-8	12	21	22	33	46	57	51	46	31	16	9	-8
80	9	9	4	26	41	51	62	58	42	21	3	11	3
81	13	-7	22	31	37								
MEAN	2.0	9.1	14.3	26.8	38.0	49.9	58.4	56.3	43.3	31.2	16.0	8.7	-.5
S.D.	6.797	7.328	6.745	4.486	4.672	4.306	3.108	3.708	4.013	4.280	6.761	5.767	5.468
TOTAL OBS	1085	989	1085	1050	1085	1020	1085	1085	1050	1085	1050	1085	12754

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61											.1							1	1		
58/ 57						.4			.3									5	5		
56/ 55										.1								1	1		
54/ 53								.1	.3									3	3		
52/ 51							.1	.1	.1									3	3		
50/ 49		.1			.1	.4	.3	.1										8	8		
48/ 47		.3			.3	.4	.3	.1										10	10	4	
46/ 45				.4	.8	.4	.1	.1										14	14	2	3
44/ 43		.1		.9	.5	.4	.1											16	16	1	
42/ 41		.1	.3	.8	.8	.4												18	18	5	
40/ 39			1.6	.8	1.2	.8												33	33	20	2
38/ 37	.1	1.3	1.5	1.5	1.9	.3												49	49	19	1
36/ 35		2.7	1.2	1.5	.7													45	45	45	8
34/ 33		1.7	1.9	1.7	.4													43	43	48	10
32/ 31	1.3	3.2	3.4	2.0	1.2													83	83	63	40
30/ 29	1.2	2.6	1.6	.5	.4													47	47	77	47
28/ 27	1.3	2.2	3.1	.4														52	52	67	38
26/ 25	1.2	4.4	1.6	.3														56	56	58	48
24/ 23	.8	2.2	.8	.3														30	30	80	44
22/ 21	.5	4.4	1.9	.4														54	54	44	58
20/ 19	1.6	2.0	1.3															37	37	44	69
18/ 17	1.1	1.7	.5	.8														31	31	35	71
16/ 15		1.5	.4															14	14	18	62
14/ 13	.9	1.9	.8															27	27	30	40
12/ 11	1.3	1.1	.1															19	19	28	44
10/ 9	1.2	.7																14	14	21	26
8/ 7	.8	.7																11	11	11	41
6/ 5	.1	.5																5	5	8	15
4/ 3	.4	.7																8	8	8	21
2/ 1		.7																5	5	5	19
0/ -1																				1	6
-2/ -3		.3																2	2	1	7
-4/ -5																				1	8
-6/ -7																					9

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-8/ -9																					
-10/-11																					
-14/-15																					
TOTAL	14.1	37.1	22.0	12.4	8.3	3.5	.9	.7	.7	.1	.1								744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3713805	50649	68.1	18.914	744							
Dry Bulb	672909	20887	28.1	10.792	744	.3	61.9					9
Wet Bulb	517340	18458	24.8	8.942	744	.4	75.0					9
Dew Point	305672	13204	17.7	9.799	744	4.6	90.0					9

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 1 | 0300-0 HOURS (L.S.T.)

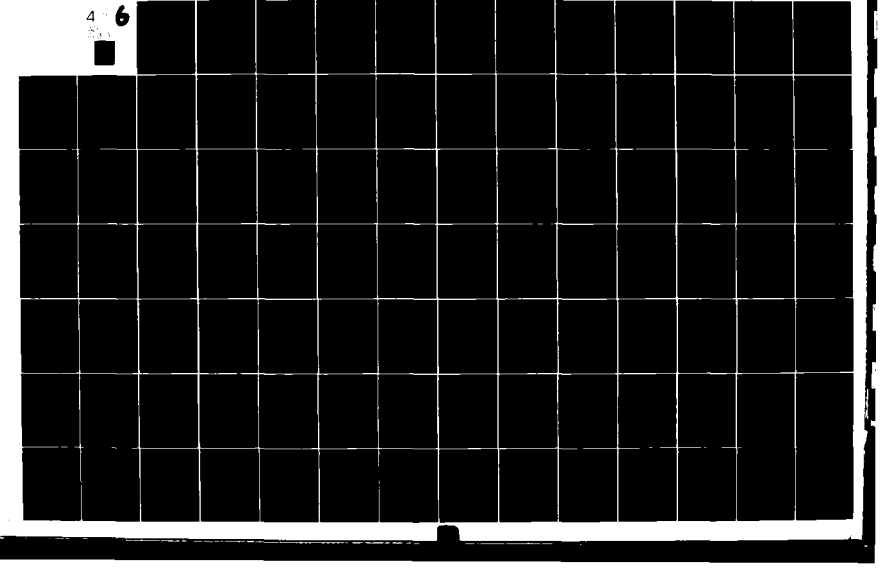
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew
56/ 55									.1									1	1	
54/ 53									.4									3	3	
52/ 51					.1			.1										2	2	
50/ 49					.1			.1										2	2	
48/ 47		.3		.4	.1	.1												7	7	
46/ 45		.1			.7	.1	.1	.1										9	9	2
44/ 43				.9	.7	.3	.5											18	18	1
42/ 41			.3	.4	.7	.4	.1											14	14	4
40/ 39			.9	.4	.3													12	12	7
38/ 37		.4	1.1	1.2	.4	.3												25	25	17
36/ 35		1.2	2.2	2.2	.8													47	47	21
34/ 33		3.0	2.3	2.7	.8													65	65	30
32/ 31	.5	3.4	3.1	2.3	.4													72	72	72
30/ 29	1.7	2.8	2.6	.5	.3													59	59	71
28/ 27	1.5	2.8	1.2	.3														43	43	87
26/ 25	1.6	3.2	2.6	.4														58	58	67
24/ 23	.9	3.0	.7															34	34	50
22/ 21	2.6	3.1	1.3															52	52	60
20/ 19	1.9	3.4	.8															45	45	48
18/ 17	2.2	1.9	1.1	.4														41	41	44
16/ 15	.7	2.3	1.3															32	32	29
14/ 13	.8	1.1																14	14	29
12/ 11	2.3	1.6																29	29	34
10/ 9	1.9	.7	.4															22	22	26
8/ 7	1.1	1.1																16	16	19
6/ 5	.3	.5																6	6	9
4/ 3	.1	.7																6	6	5
2/ 1		.8																6	6	4
0/ -1	.3	.1																3	3	5
-2/ -3		.1																1	1	2
-4/ -5																				
-6/ -7																				
-8/ -9																				
-10/-11																				

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

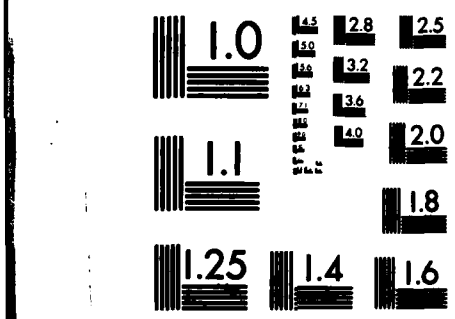
USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 176 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL



13176



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	20.3	37.5	21.8	12.1	5.4	1.2	.8	.4	.5									744	744		744
																		744		744	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4003325	52955	71.2	17.754	744							
Dry Bulb	580809	19333	26.0	10.275	744	.5	67.4					93
Wet Bulb	460392	17332	23.3	8.730	744	.9	82.6					93
Dew Point	282810	12674	17.0	9.490	744	5.1	91.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55									.1									1	1		
54/ 53								.1										1	1		
52/ 51						.1												1	1		
50/ 49						.3												2	2		
48/ 47					.1													1	1		
46/ 45					.3	.1												3	3		
44/ 43			.4	.5	.3		.5											13	13	1	
42/ 41		.1	.1	.3	.1	.5	.1											10	10	1	
40/ 39			.4	.3	.8	.3												13	13	8	
38/ 37		.9	1.1	.5	.5	.1												24	24	8	2
36/ 35	.3	.5	1.2	.9	.3													24	24	19	3
34/ 33	.3	2.6	1.9	2.0	.8	.3												58	58	28	8
32/ 31		3.5	2.6	1.9	.4													62	62	42	23
30/ 29	2.0	1.9	4.4	.9														69	69	66	20
28/ 27	2.0	3.5	3.0	.3														65	65	83	41
26/ 25	2.0	5.1	2.4	.3														73	73	78	54
24/ 23	.4	1.7	.7	.1														22	22	80	33
22/ 21	1.6	4.6	1.2	.1														56	56	54	56
20/ 19	2.4	3.4	.4															46	46	50	77
18/ 17	1.2	2.2	1.1	.3														35	35	34	66
16/ 15	1.9	3.4	1.3															49	49	40	83
14/ 13	.8	1.7	.1															20	20	41	56
12/ 11	1.9	1.2																23	23	30	34
10/ 9	.9	1.5	.4															21	21	22	42
8/ 7	1.7	1.5																24	24	25	34
6/ 5	.3	1.2																11	11	12	25
4/ 3	.3	.7																7	7	11	23
2/ 1		.8																6	6	5	21
0/ -1	.3																	2	2	4	12
-2/ -3		.1																1	1	1	7
-4/ -5	.1																	1	1	1	7
-6/ -7																					10
-8/ -9																					5
-10/-11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
TOTAL	20.4	42.1	22.7	8.5	3.6	1.7	.7	.1	.1										744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4121964	53998	72.6	16.525	744							
Dry Bulb	518716	18244	24.5	9.799	744	.5	74.1					93
Wet Bulb	419312	16488	22.2	8.519	744	.8	84.9					93
Dew Point	259552	12082	16.2	9.234	744	5.4	91.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61								.1	.1	.1								3	3		
60/ 59							.1											1	1		
58/ 57						.1	.1	.1	.1									4	4		
56/ 55						.1	.1	.1	.1	.1								5	5		
54/ 53						.1	.1	.4	.3									7	7		
52/ 51					.3	.3	.3	.1	.1									8	8		
50/ 49					.9	.8	.5	.3										19	19		
48/ 47		.1		.3	.8	.8	1.1	.1										24	24	5	
46/ 45		.1		.1	.9	.5	.5	.1										18	18	3	
44/ 43			.1	.7	1.1	1.1	.3											24	24	6	2
42/ 41		.5	.7	.8	.8	.9	.1											29	29	21	
40/ 39		.1	1.2	2.3	.9	.8												40	40	24	1
38/ 37		.3	1.2	2.4	1.6	.1												42	42	31	7
36/ 35	.1	.9	1.6	1.3	.8	.1												37	37	48	6
34/ 33	.1	1.3	3.4	2.2	.3	.1												55	55	56	18
32/ 31	.3	3.1	2.2	1.3	.5													55	55	62	30
30/ 29	1.7	1.6	2.3	.7														47	47	86	39
28/ 27	1.6	1.3	2.3	.5														43	43	59	58
26/ 25	1.5	2.6	1.3	.7														45	45	52	59
24/ 23	.7	1.5	.5	.3														22	22	52	44
22/ 21	1.1	1.7	1.6	.3														35	35	31	57
20/ 19	1.9	3.2	1.2															47	47	36	73
18/ 17	1.3	1.7	.9															30	30	44	64
16/ 15	.9	2.2	.7															28	28	29	70
14/ 13	1.2	1.5	.1															21	21	31	37
12/ 11	.9	1.9	.1															22	22	25	42
10/ 9	.4	.9	.1															11	11	15	33
8/ 7	.8	.4																9	9	12	29
6/ 5		.1																1	1	3	19
4/ 3	.3	.4																5	5	5	17
2/ 1	.1	.4																4	4	3	12
0/ -1	.3																	2	2	4	9
-2/ -3		.1																1	1	1	4
-4/ -5																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					5
-8/ -9																					2
-10/-11																					4
TOTAL	15.3	28.2	21.6	13.8	9.0	6.0	3.4	1.5	.8	.3									744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3527531	49077	66.0	19.764	744							
Dry Bulb	775398	22318	30.0	11.940	744	.4	53.5					93
Wet Bulb	573437	19437	26.1	9.400	744	.6	68.8					93
Dew Point	321740	13868	18.6	9.226	744	3.4	88.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75											.1							1	1		
74/ 73											.1			.1				2	2		
72/ 71											.3	.1						3	3		
70/ 69											.1	.1						2	2		
68/ 67									.4		.3	.1						6	6		
66/ 65									.4	.5	.7	.4						15	15		
64/ 63								.1	.1	.7	.9							14	14		
62/ 61									.9	.7	1.1							20	20		
60/ 59						.1	.1	.5	.8	.1								13	13		
58/ 57				.1			.5	1.6	.5	.7								26	26		
56/ 55						.5	.5	2.0	.9									30	30	2	
54/ 53				.1		.8	1.3	1.2	.4									29	29	1	
52/ 51			.1		.5	1.1	.9	1.9	.5									38	38	7	
50/ 49				.1	.7	1.6	1.5	.9	.1									37	37	6	
48/ 47		.1	.3	.3	.4	1.1	1.9	.3										32	32	18	1
46/ 45		.1		.5	1.5	1.7	1.5	.1										41	41	35	1
44/ 43		.1	.1	1.1	1.3	1.7	.1											34	34	55	3
42/ 41			.8	.4	1.7	1.2												31	31	50	3
40/ 39		.1	.1	1.3	1.5	.7												28	28	52	3
38/ 37		.7	.7	.9	.9	.5	.1											29	29	66	5
36/ 35		.4	1.3	1.2	.9	.1												30	30	60	14
34/ 33	.1	.8	1.1	1.1	1.1	.1												32	32	52	16
32/ 31	.7	.9	1.6	1.3	.8	.1												41	41	45	51
30/ 29	.8	.8	1.3	.8	.4													31	31	39	43
28/ 27	.8	1.1	1.2	.8	.1													30	30	48	55
26/ 25	.8	1.1	1.1	.3														24	24	43	76
24/ 23	.4	1.5	.5	.7														23	23	35	47
22/ 21	.7	.9	.4	.5														19	19	25	52
20/ 19	2.3	1.7	.1															31	31	34	95
18/ 17	.4	.5	.1	.1														9	9	19	58
16/ 15	.1	1.3	.5															15	15	8	50
14/ 13	.3	.9	.1															10	10	21	37
12/ 11	.1	.5	.1															6	6	6	38
10/ 9	.4	.4																6	6	8	35

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047	AMARILLO MAP TX	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.1	.1															2	2	3	14
6/ 5		.3																2	2	3	11
4/ 3		.3																2	2	3	5
2/ 1																					9
0/ -1																					8
-2/ -3																					3
-4/ -5																					4
-6/ -7																					3
-8/ -9																					1
-10/-11																					3
TOTAL	7.9	14.9	12.0	11.8	12.0	11.6	8.6	8.7	5.2	2.7	3.6	.8		.1				744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2343019	38113	51.2	22.928	744							
Dry Bulb	1346585	29733	40.0	14.598	744		31.4	1.8	.4			9
Wet Bulb	852335	24073	32.4	9.941	744		42.5					9
Dew Point	375046	15276	20.5	9.090	744	2.8	87.3					9

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77													.1		.1			2	2		
76/ 75													.3					2	2		
74/ 73											.1	.3	.1		.1			5	5		
72/ 71												.8		.3				8	8		
70/ 69											.3	.4						5	5		
68/ 67									.4		.7	1.1	.7					21	21		
66/ 65								.1	.1	.5	1.1	.5						18	18		
64/ 63										.7	1.2	.3						16	16		
62/ 61									1.3	1.1		.1						19	19		
60/ 59							.3	1.2	.7	1.1	.1							25	25		
58/ 57						.3	1.1	1.3	.5	.9								31	31		
56/ 55						.1	1.9	2.4	.4	.1								37	37	1	
54/ 53				.3	.3	.8	1.3	1.2	.8	.8								41	41	1	
52/ 51			.1	.3		.7	.9	2.7	.8									41	41	11	
50/ 49			.3	.1	.4	2.3	2.6	.7	.1									48	48	13	
48/ 47			.4		.4	.9	1.7	.4										29	29	30	
46/ 45			.3	.5	.7	1.5	.3	.1										25	25	66	1
44/ 43			.4	.4	1.5	2.0	.4	.1										36	36	55	5
42/ 41				.9	1.1	.5	.1											20	20	53	1
40/ 39			.5	.7	.5	.8	.4											22	22	51	8
38/ 37			.8	1.3	1.1	1.1	.3											34	34	73	5
36/ 35		.8	.7	1.6	1.3	.8												39	39	51	12
34/ 33		.5	.7	1.7	1.1													30	30	46	14
32/ 31	.3	1.1	.9	.9	.3													26	26	34	46
30/ 29	1.3	.1	.9	.4	.3													23	23	50	35
28/ 27	.9	1.1	.7	.4	.4													26	26	45	66
26/ 25	.1	1.2	.3	.4	.1													16	16	34	76
24/ 23	.3	.8		.1														9	9	24	46
22/ 21	.7	1.2		.3														16	16	18	61
20/ 19	2.3	.9	.4	.4														30	30	28	88
18/ 17	.4	.3	.1	.3														8	8	13	65
16/ 15		1.2																9	9	10	48
14/ 13	.5	1.5	.3															17	17	18	22
12/ 11		.8																6	6	9	35

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9		.1																1	1	6	38
8/ 7		.3																2	2	1	20
6/ 5		.1																1	1	2	10
4/ 3																				1	4
2/ 1																					16
0/ -1																					9
-2/ -3																					1
-4/ -5																					6
-6/ -7																					4
-8/ -9																					2
TOTAL	6.9	12.1	7.8	11.2	9.4	11.8	11.3	10.3	5.2	5.2	3.5	3.5	1.2	.3	.3			744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1972743	34213	46.0	23.187	744							
Dry Bulb	1569226	32226	43.3	15.276	744		23.8	5.4	1.1			93
Wet Bulb	942060	25414	34.2	9.977	744		36.6					93
Dew Point	371589	15165	20.4	9.170	744	2.8	87.3					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
70/ 69									.1			.1						2	2		
68/ 67								.1										1	1		
66/ 65										.4		.1						4	4		
64/ 63							.1	.1		.4								5	5		
62/ 61							.3		.3	.4	.1							8	8		
60/ 59									.4	.7	.1							9	9		
58/ 57								.5	.5	.1								9	9		
56/ 55					.1		.4	.8		.3								12	12		
54/ 53					.1	.5	.8	.5	.4									18	18	2	
52/ 51					.1	.7	1.5	1.3	.4									30	30	1	
50/ 49					.5	.9	.8	.9										24	24	3	
48/ 47		.1	.4	.5	1.2	1.3	.5	.5										35	35	5	
46/ 45		.4	.5	.4	1.5	.8	1.1	.1										36	36	12	
44/ 43		.1	.4	1.6	1.2	1.5	.4											39	39	27	5
42/ 41		.3	.9	1.3	1.5	1.5	.4											44	44	42	3
40/ 39		.5	.7	1.5	2.3	1.6	.3											51	51	42	7
38/ 37		.3	.7	1.7	1.7	.4	.1											37	37	65	5
36/ 35		.5	.9	1.6	1.9	.3												39	39	48	10
34/ 33		1.9	1.3	2.2	.8	.1												47	47	56	18
32/ 31	.3	1.3	3.0	.9	.5	.1												46	46	67	41
30/ 29	1.6	.8	2.2	.9	.5													45	45	74	35
28/ 27	.3	.9	1.3	.9														26	26	60	52
26/ 25	.5	2.2	.8	.8	.1													33	33	40	51
24/ 23	.4	1.6	.1	.7														21	21	44	47
22/ 21	.8	2.4	.3	.3														28	28	38	57
20/ 19	.9	1.5	.3	.5														24	24	32	84
18/ 17	.1	.7	.5															10	10	10	55
16/ 15	.8	1.1	.1															15	15	19	59
14/ 13	.9	1.2	.1															17	17	17	62
12/ 11	.4	.8	.3															11	11	16	46
10/ 9	.1	.8																7	7	7	27
8/ 7	.3	.5																6	6	10	20
6/ 5		.3																2	2	4	13
4/ 3																					12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1		.1																1	1	1	7
0/ -1		.1																1	1		8
-2/ -3																				1	5
-4/ -5																					8
-6/ -7	.1																	1	1	1	1
-8/ -9																					4
-10/-11																					1
-12/-13																					1
TOTAL	7.7	20.6	14.9	16.0	14.2	9.8	6.7	5.1	2.2	2.3	.3	.3						744	744	744	744

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2664302	41538	55.8	21.555	744							
Dry Bulb	1077959	26647	35.8	12.896	744	.3	36.8	.4				93
Wet Bulb	726301	22169	29.8	9.406	744	.3	55.1					93
Dew Point	345905	14431	19.4	9.424	744	3.5	87.0					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

 2100-2300 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B. Dry Bulb	Wet Bulb	Dew Point
62/ 61											.1							1	1		
60/ 59							.3											2	2		
58/ 57						.4	.1			.1								5	5		
56/ 55								.1		.1								2	2		
54/ 53							.3	.4	.7									10	10		
52/ 51		.1				.1	.5	.1	.4									10	10		
50/ 49						.4	.3	.4										8	8	1	
48/ 47		.3			.8	1.1	.4	.1										20	20	6	1
46/ 45				.8	.9	.4	.4	.1										20	20	2	2
44/ 43		.1	.3	.5	.8	1.6	.5											29	29	1	
42/ 41		.4	.8	.7	.7	.4	.4											25	25	11	
40/ 39		.7	1.7	2.0	.8	1.1												47	47	33	4
38/ 37		1.1	1.3	1.2	1.6	.4												42	42	40	6
36/ 35	.3	1.3	2.2	1.7	1.6	.3												55	55	52	12
34/ 33		.7	2.6	1.9	.8	.1												45	45	48	12
32/ 31	1.6	3.4	2.3	2.6	.8													79	79	67	46
30/ 29	1.1	1.3	2.3	2.0	.5													54	54	75	37
28/ 27	.3	3.2	1.7	.5	.1													44	44	66	45
26/ 25	.5	2.4	1.7	.1														36	36	76	49
24/ 23	.4	2.0	1.5	.4														32	32	48	36
22/ 21	.8	2.6	1.2	.4														37	37	46	59
20/ 19	1.3	2.6	.7															34	34	38	62
18/ 17	.5	1.1	.7															17	17	26	65
16/ 15	.9	2.3	.9	.1														32	32	27	66
14/ 13	.5	1.2	.1															14	14	25	57
12/ 11	1.1	.8																14	14	19	56
10/ 9	.7	.9																12	12	13	3
8/ 7	.1	.5																5	5	8	2
6/ 5	.4	.5																7	7	9	1
4/ 3		.4																3	3	4	1
2/ 1																					1
0/ -1																					1
-2/ -3		.3																2	2	2	
-4/ -5	.1																	1	1	1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

2100-2300 (HOURS (L, S, T))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-6/ -7																					4
-8/ -9																					1
-10/-11																					3
TOTAL	10.8	30.2	22.0	15.1	9.5	6.3	3.2	1.3	1.1	.3	.1								744		744
																		744		744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3339297	47563	63.9	20.049	744							
Dry Bulb	793978	22836	30.7	11.191	744	.4	52.9					93
Wet Bulb	584753	19779	26.6	8.906	744	.4	68.8					93
Dew Point	322699	13737	18.5	9.641	744	4.3	88.4					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) JAN (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77													.0		.0			2	2		
76/ 75											.0		.0					3	3		
74/ 73											.0	.0	.0	.0	.0			7	7		
72/ 71											.0	.1		.0				11	11		
70/ 69									.0		.1	.1						9	9		
68/ 67								.0	.1		.1	.2	.1					28	28		
66/ 65								.0	.1	.2	.2	.1						37	37		
64/ 63							.0	.0	.0	.2	.3	.0						35	35		
62/ 61							.0	.0	.3	.3	.2	.0						52	52		
60/ 59						.0	.1	.2	.2	.2	.0							50	50		
58/ 57				.0		.2	.2	.5	.3	.2								80	80		
56/ 55					.0	.1	.4	.7	.2	.1								89	89	3	
54/ 53				.1	.1	.3	.5	.5	.4	.1								112	112	4	
52/ 51		.0	.0	.0	.1	.4	.5	.8	.3									133	133	19	
50/ 49		.0	.0	.0	.4	.6	.7	.4	.0									148	148	23	
48/ 47		.2	.1	.2	.5	.7	.7	.2										158	158	68	2
46/ 45		.1	.1	.4	.9	.7	.5	.1										166	166	123	7
44/ 43		.1	.2	.8	.9	1.1	.4	.0										209	209	147	18
42/ 41		.2	.5	.7	.9	.7	.2											191	191	187	7
40/ 39		.2	.9	1.2	1.0	.8	.1											246	246	237	25
38/ 37	.0	.6	1.0	1.4	1.2	.4	.1											282	282	319	31
36/ 35	.1	1.1	1.4	1.5	1.0	.2												316	316	344	68
34/ 33	.1	1.6	1.9	1.9	.8	.1												375	375	364	106
32/ 31	.6	2.5	2.4	1.7	.6	.0												464	464	452	302
30/ 29	1.4	1.5	2.2	.9	.3													375	375	538	290
28/ 27	1.1	2.0	1.8	.5	.1													329	329	515	406
26/ 25	1.0	2.8	1.5	.4	.0													341	341	448	470
24/ 23	.5	1.8	.6	.3														193	193	413	329
22/ 21	1.1	2.6	1.0	.3														297	297	316	463
20/ 19	1.8	2.3	.7	.1														294	294	310	613
18/ 17	.9	1.3	.6	.2														181	181	225	505
16/ 15	.7	1.9	.7	.0														194	194	180	518
14/ 13	.8	1.4	.2															140	140	212	357
12/ 11	1.0	1.1	.1															130	130	167	334

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.7	.8	.1															94	94	118	273
8/ 7	.6	.6	.0															75	75	89	215
6/ 5	.1	.5																35	35	50	129
4/ 3	.1	.4																31	31	37	124
2/ 1	.0	.4																22	22	18	106
0/ -1	.1	.0																8	8	14	70
-2/ -3		.1																7	7	8	44
-4/ -5	.0																	2	2	3	48
-6/ -7	.0																	1	1	1	47
-8/ -9																					18
-10/-11																					24
-12/-13																					1
-14/-15																					2
TOTAL	12.9	27.8	18.1	12.6	8.9	6.5	4.5	3.5	2.0	1.4	1.0	.6	.2	.1	.0				5952		5952
																		5952		5952	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	25685986	368106	61.8	22.152	5952							
Dry Bulb	7335580	192224	32.3	13.765	5952	2.3	401.6	7.5	1.5			744
Wet Bulb	5075930	163150	27.4	10.073	5952	3.3	514.3					744
Dew Point	2585013	110437	18.6	9.490	5952	31.8	711.0					744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65									.3	.3	.1							5	5		
62/ 61								.1		.1								2	2		
60/ 59										.1								1	1		
58/ 57							.1											1	1		
56/ 55					.1	.3	.4			.1								7	7		
54/ 53							.3		.1	.1								4	4		
52/ 51				.1	.6	.3	.6	.1	.1									13	13		
50/ 49				.1		.7	.9	.4	.1									16	16	3	
48/ 47				.3	.6	.7	.6	.4										18	18	3	
46/ 45	.3	.7			.7	.9	1.5	.3										30	30	11	3
44/ 43				.4	1.0	.9	.7	.3	.1									24	24	12	
42/ 41		.7	.7	.7	.9	1.8	.7											38	38	6	4
40/ 39		1.0	1.3	2.2	.9	1.5	.1	.1										49	49	27	8
38/ 37	.4	1.3	3.2	1.8	1.6	.7	.1											63	63	37	7
36/ 35	.4	2.7	1.6	2.2	.7	.1	.1											54	54	51	15
34/ 33	.4	2.5	1.6	1.2	.4													42	42	88	28
32/ 31	.9	5.3	3.8	1.8	.4													83	83	73	33
30/ 29	1.6	1.3	.9	1.3														35	35	97	52
28/ 27	.7	2.9	1.3	.4														37	37	61	57
26/ 25	.4	2.8	1.6															33	33	37	61
24/ 23	.3	1.6	1.0	.1														21	21	45	42
22/ 21	1.6	1.9	.1															25	25	35	49
20/ 19	.4	2.4	.3															21	21	19	60
18/ 17	1.2	2.1																22	22	32	46
16/ 15	.4	1.6	.1															15	15	14	51
14/ 13	.1	.4																4	4	9	44
12/ 11	.1	.3																3	3	5	42
10/ 9	.6	.3																6	6	7	32
8/ 7	.4																	3	3	3	18
6/ 5																					10
4/ 3																					7
2/ 1																					1
0/ -1	.1																	1	1	1	
-2/ -3	.1																	1	1	1	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-4/ -5	.1																	1	1	1	1
-6/ -7																					2
-8/ -9																					2
-10/-11																					3
TOTAL	11.1	32.0	17.8	12.8	8.1	8.0	6.3	1.9	.9	.9	.1								678		678
																		678		678	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3168535	43899	64.7	21.950	678							
Dry Bulb	840331	22799	33.6	10.432	678	.4	38.5					84
Wet Bulb	619312	19790	29.2	7.845	678	.4	54.5					84
Dew Point	358441	14363	21.2	8.945	678	1.0	75.9					84

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61								.3										2	2		
60/ 59								.1		.3								3	3		
58/ 57									.1									1	1		
56/ 55								.3	.4									5	5		
54/ 53						.3												2	2		
52/ 51					.1	.6	.4	.3										10	10		
50/ 49						.3	1.0	.4	.1									13	13		
48/ 47				.1	.4	.1	.6	.1										10	10	2	
46/ 45	.1	.6	.1		.9	.4	1.0											22	22	2	1
44/ 43	.1			.4	.9	.4	.7	.1										19	19	10	2
42/ 41		.7	.4	.7	.3	1.3	.7											29	29	12	4
40/ 39		.3	1.2	1.0	1.3	.7	.1											32	32	19	4
38/ 37	.1	1.8	1.9	1.9	1.3	.9	.1											55	55	31	1
36/ 35	.4	2.7	3.4	1.8	1.0	.1												64	64	54	11
34/ 33	.4	2.5	3.1	2.4	.3	.1												60	60	51	28
32/ 31	1.2	5.5	2.7	.7														68	68	83	36
30/ 29	2.2	1.9	1.8	1.3	.4													52	52	101	35
28/ 27	1.8	3.2	1.5	.1	.1													46	46	72	63
26/ 25	.6	3.7	1.2															37	37	43	69
24/ 23	.4	1.9	.7															21	21	46	49
22/ 21	1.3	2.1	.7															28	28	38	58
20/ 19	1.8	1.3	.6															25	25	26	54
18/ 17	.1	3.4																24	24	19	62
16/ 15	.4	3.1	.1															25	25	32	39
14/ 13	1.0	.7																12	12	20	44
12/ 11		.1																1	1	5	49
10/ 9	.6																	4	4	4	24
8/ 7	.7																	5	5	5	15
6/ 5																					13
4/ 3																					6
2/ 1																					5
-4/ -5	.3																	2	2	2	
-6/ -7		.1																1	1		2
-8/ -9																				1	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11																					1
-18/-19																					1
TOTAL	13.9	35.7	19.5	10.6	7.2	5.5	4.9	1.8	.7	.3								678	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3419902	46076	68.0	20.648	678							
Dry Bulb	751381	21511	31.7	10.088	678	.4	43.5					84
Wet Bulb	571689	18965	28.	7.801	678	.4	61.6					84
Dew Point	345264	14156	20.9	8.568	678	.7	77.7					84

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59							.1											1	1		
58/ 57							.1		.1									2	2		
56/ 55									.1									1	1		
54/ 53					.4			.3										5	5		
52/ 51					.3	.1	.1	.1										5	5		
50/ 49					.3	.1	.3	.1										6	6		
48/ 47					.3	.6	.3	.1										9	9	4	
46/ 45	.3	.1		.1	1.0	.6	.6	.1										20	20	3	2
44/ 43	.1	.3	.1	.1	1.8	1.2	.3	.1										28	28	6	1
42/ 41			.6		.4	.4	.1											11	11	5	3
40/ 39		.6	.3	1.3	.9	1.0	.6											32	32	19	6
38/ 37		1.9	.4	1.0	.3	1.2												33	33	19	1
36/ 35	.6	2.4	2.5	.9	1.0	.3												52	52	43	7
34/ 33		2.5	3.1	1.8	.6													54	54	43	22
32/ 31	.9	5.2	4.4	1.9	.1	.1												86	86	62	34
30/ 29	1.8	5.6	2.7	.9	.7													79	79	87	19
28/ 27	2.4	3.8	.7	.3	.4													52	52	111	57
26/ 25	1.0	3.2	1.2															37	37	68	73
24/ 23	.7	.7	1.2															18	18	38	55
22/ 21	1.3	2.4	.9															31	31	32	84
20/ 19	2.4	3.2	.9															44	44	38	56
18/ 17	.9	1.2	.1															15	15	30	47
16/ 15	.3	1.9																15	15	23	29
14/ 13	2.4	.7																21	21	21	47
12/ 11	.4	.7																8	8	8	48
10/ 9	.3	.1																3	3	8	34
8/ 7	1.0																	7	7	7	14
6/ 5																					12
4/ 3																					10
2/ 1																					8
0/ -1		.3																2	2	1	1
-2/ -3		.1																1	1	1	1
-4/ -5																				1	1
-6/ -7																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-14/-15																					3
TOTAL	16.8	37.2	19.2	8.4	8.7	5.8	2.7	1.0	.3										678		678
																		678		678	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3550827	47189	69.6	19.839	678							
Dry Bulb	682183	20497	30.2	9.610	678	.4	51.9					84
Wet Bulb	529934	18228	26.9	7.675	678	.4	66.4					84
Dew Point	327864	13698	20.2	8.689	678	1.1	78.8					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73												.1	.1					2	2		
72/ 71														.1				1	1		
68/ 67									.1		.1	.1						3	3		
66/ 65								.1		.1		.3						4	4		
64/ 63								.1	.1		.6							6	6		
62/ 61							.3	.1	.3	.6	.4							12	12		
60/ 59								.4	.7		.1	.1						10	10		
58/ 57						.1	.3	.7	.7	.4								16	16		
56/ 55					.1	.3	1.0	.7	.3	.6								21	21		
54/ 53					.1	.4	1.0	1.3	.4	.1								24	24		
52/ 51				.1	.3	.3	1.2	.6	.1									18	18	4	
50/ 49			.1		.4	.7	.6	.7	.4									21	21	3	
48/ 47		.1	.1	.4	1.2	2.1	1.3	.4										39	39	8	
46/ 45	.1	.4	.6	.9	1.0	.6	.9	.6										35	35	20	3
44/ 43		.1	.1	1.0	1.5	1.3	.4											31	31	35	2
42/ 41		.1	1.0	1.9	2.1	.7	.1											41	41	39	2
40/ 39	.3	.9	1.6	2.1	1.2	.6	.3											47	47	53	7
38/ 37		1.8	1.6	1.2	.7	.1												37	37	60	11
36/ 35	.6	.9	1.9	1.6	.4	.3												39	39	63	23
34/ 33		2.8	2.4	1.2	.1	.1												45	45	73	24
32/ 31	.9	2.5	2.4	.7	.3													46	46	61	58
30/ 29	1.0	2.2	.4	.3	.1													28	28	55	38
28/ 27	1.6	2.5	.6	.1														33	33	54	58
26/ 25	1.0	1.3	.9															22	22	32	96
24/ 23	.6	1.0	.3															13	13	21	46
22/ 21	.9	2.2	.3															23	23	25	61
20/ 19	.9	1.3																15	15	17	53
18/ 17	.4	1.0	.4															13	13	13	43
16/ 15		1.5																10	10	12	35
14/ 13	.9	.9																12	12	14	24
12/ 11	.7	.1																6	6	10	41
10/ 9		.6																4	4	3	16
8/ 7																				2	12
6/ 5		.1																1	1		3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																				1	10
2/ 1																					5
0/ -1																					3
-2/ -3																					2
-6/ -7																					1
-8/ -9																					1
TOTAL	10.0	24.6	14.9	11.7	9.7	7.8	7.5	6.0	3.4	1.9	1.3	.7	.1	.1				678	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2808948	40530	59.8	23.882	678							
Dry Bulb	1093943	25849	38.1	12.656	678		28.0	.7	.2			84
Wet Bulb	749518	21776	32.1	8.604	678		39.6					84
Dew Point	399931	15403	22.7	8.594	678	.9	75.1					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83																	.1	1	1		
82/ 81																.1		1	1		
80/ 79														.1		.1		2	2		
78/ 77													.3	.1	.4	.3		8	8		
76/ 75												.3	.4					5	5		
74/ 73											.1	.3	.3	.1	.6			10	10		
72/ 71										.3	.3	.4	.4	.7	.1			16	16		
70/ 69									.1		.1	1.2	.3	.1				13	13		
68/ 67									.1		1.0	.6	.6	.1				17	17		
66/ 65									.4	1.0	1.0	.6						21	21		
64/ 63									.4	1.9	1.0	.3	.4					28	28		
62/ 61						.1		.3	1.5	1.6	.6	.3						30	30		
60/ 59							.1	2.2	1.6	1.3	.1	.1						38	38		
58/ 57						.1	.9	2.7	.9	.9								37	37		
56/ 55						.1	1.2	1.6	.4	.6	.3							29	29		
54/ 53			.1	.1	.4	.9	2.1	.7	.9	.1								37	37	14	
52/ 51			.4	.1	.3	1.2	1.3	.9	.1	.1								31	31	9	
50/ 49				.3	.9	1.0	1.6	1.0										33	33	22	
48/ 47		.4	.1	.4	1.3	1.2	1.0	.1										32	32	44	2
46/ 45			.1	1.2	1.2	1.5	.7											32	32	72	4
44/ 43		.1	.4	.4	1.5	.6	.1											22	22	74	3
42/ 41		.1	.4	1.2	.7	.6	.3											23	23	72	2
40/ 39	.1	.1	.6	.9	.4	.4	.1											19	19	57	7
38/ 37	.4	1.3	1.3	.3	.4	.3												28	28	50	10
36/ 35		.1	1.2	.3	.3													13	13	56	24
34/ 33		1.6	.6	.3	.3													19	19	33	32
32/ 31	.6	.9	1.2	.3	.6													24	24	30	52
30/ 29	.3	.6	.6	.3														12	12	20	56
28/ 27	.9	.3	1.0															15	15	22	64
26/ 25	.6	2.4	1.0															27	27	18	66
24/ 23	1.2	1.3	.4															20	20	37	38
22/ 21	.4	1.3																12	12	18	71
20/ 19		.6	.3															6	6	7	61
18/ 17	.3	1.0																9	9	8	39

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15		.6																4	4	10	27
14/ 13		.1																1	1	1	35
12/ 11																				1	37
10/ 9		.1																1	1		12
8/ 7		.3																2	2	3	12
6/ 5																					4
4/ 3																					4
2/ 1																					7
-2/ -3																					3
-4/ -5																					4
-8/ -9																					1
-10/-11																					1
TOTAL	4.9	13.6	10.0	6.2	8.4	8.1	9.6	9.6	6.6	8.0	4.7	4.1	2.8	1.5	1.2	.6	.1	678	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1810062	30620	45.2	25.120	678							
Dry Bulb	1720995	32541	48.0	15.333	678		16.5	9.0	3.3	.4		84
Wet Bulb	1009869	25439	37.5	9.045	678		21.7					84
Dew Point	412309	15603	23.0	8.867	678	1.1	73.6					84

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85																	.3	2	2			
84/ 83																	.1	1	1			
82/ 81														.1				1	1			
80/ 79														.3		1.0	.1	10	10			
78/ 77													.4	.1	.3	.1		7	7			
76/ 75											.3	.1	.9	.4	.4			15	15			
74/ 73											.3	.3	.7	.1	.9			16	16			
72/ 71										.1		.1	.1	.4				6	6			
70/ 69										.1	.3	2.7	.3	.4				26	26			
68/ 67										.6	.4	2.2	1.2	.6				34	34			
66/ 65							.3	.1	.3	.9	1.6	.6						26	26			
64/ 63						.1			.7	1.5	2.1							30	30			
62/ 61					.1	.1		.6	1.6	1.9	1.5	.4						43	43			
60/ 59					.1		.1	1.0	1.3	.9	.6							28	28			
58/ 57						.1	1.2	1.8	.7	1.3	.3							37	37			
56/ 55				.1	.1	.3	1.0	1.3	1.5	.1	.3							33	33	5		
54/ 53				.1	.3	.9	1.9	1.8	1.0		.1							42	42	14		
52/ 51			.3	.3	.3	1.0	2.1	.6	.1									32	32	16		
50/ 49			.3		.3	1.2	1.6	.1	.1									25	25	26		
48/ 47		.6			1.5	.4	.6	.6										25	25	67		
46/ 45				.1	1.0	.9	1.0											21	21	84		
44/ 43				.4	.7	.3	1.3											19	19	74		
42/ 41		.1	.3	.9	.4	.1	.4											16	16	55		
40/ 39	.1	1.0	.9	1.2	.6	.6	.1											31	31	70		
38/ 37		.6	.1	.6														9	9	44		
36/ 35		1.5		.4														13	13	37		
34/ 33		.9		.7	.1													12	12	38		
32/ 31	.1	.9	1.6	1.0	.4													28	28	18		
30/ 29	.1	.7	1.2	.4														17	17	15		
28/ 27	.3	.3	.9															10	10	27		
26/ 25	1.3	2.5	.3															28	28	35		
24/ 23		.4	.1															4	4	18		
22/ 21	.1	1.6	.3															14	14	13		
20/ 19		1.0																7	7	5		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17	.1	.7																6	6	9	46
16/ 15		.1																1	1	5	33
14/ 13																					25
12/ 11																					42
10/ 9																					14
8/ 7		.3																2	2		9
6/ 5																				2	5
4/ 3		.1																1	1	1	8
2/ 1																					8
0/ -1																					3
-2/ -3																					2
-4/ -5																					8
-6/ -7																					1
-8/ -9																					1
TOTAL	2.4	13.6	6.3	6.5	6.2	6.2	11.8	8.0	7.5	7.5	7.8	6.5	3.7	2.7	1.6	1.2	.6	678	678	678	678

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 8. F	≤ 93 F	Total
Rel. Hum.	1526290	27278	40.2	25.167	678							
Dry Bulb	1938017	34631	51.1	15.806	678		14.6	14.6	6.4	.9		84
Wet Bulb	1080063	26367	38.9	8.986	678		18.3					84
Dew Point	390493	14989	22.1	9.345	678	1.9	75.3					84

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79																.1		1	1		
78/ 77													.1					1	1		
76/ 75													.1		.4			4	4		
74/ 73												.1	.1	.1				3	3		
72/ 71										.1			.1	.3				4	4		
70/ 69									.1		.3	.3	.3					7	7		
68/ 67									.3	.1		.6	.1					8	8		
66/ 65								.1		.3	.7		.1					9	9		
64/ 63								.4	.4	.4	1.3	.1	.4					22	22		
62/ 61								.4	.4	1.5	.4							19	19		
60/ 59							.3	.7	.6	1.3	.4	.3						25	25		
58/ 57							.4	.6	.1	1.6	.3	.1						22	22		
56/ 55						.3	.6	.9	1.8	1.0	.1							32	32		
54/ 53					.3	.9	1.0	.6	1.0	.3								28	28	3	
52/ 51					.6	.3	1.5	1.2	1.0	.1								32	32	6	
50/ 49			.7	.1	1.5	1.0	1.5	1.2	.3	.3								45	45	12	
48/ 47		.3	.3	.7	.6	1.5	2.1	.7										42	42	18	
46/ 45	.1	.3	.1	.9	1.0	1.2	.6	.3										31	31	44	1
44/ 43	.1		.1	1.8	1.8	.7	1.0											38	38	48	7
42/ 41		.3	.3	.7	1.0	1.9	.1											30	30	53	4
40/ 39	.1	.6	1.3	1.8	.9	.7	.1											38	38	65	8
38/ 37		.7	1.2	1.0	1.0	.4												30	30	76	12
36/ 35		1.2	1.0	.9	.3	.6												27	27	63	15
34/ 33	.1	1.8	1.2	.7	.3	.1												29	29	55	31
32/ 31		2.4	1.0	.6	.7													32	32	47	52
30/ 29	.6	.3	.9	.4														15	15	42	37
28/ 27		1.3	.9	.3														17	17	23	45
26/ 25	.6	2.1	.3															20	20	32	56
24/ 23	.3	1.3	.3															13	13	28	40
22/ 21	.4	2.4																19	19	20	51
20/ 19	.7	1.5																15	15	16	86
18/ 17	.4	.6																7	7	10	41
16/ 15		.6																4	4	6	42
14/ 13	.6																	4	4	6	47

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
12/ 11	.3																	2	2	2	26
10/ 9																					30
8/ 7																					14
6/ 5																					12
4/ 3		.3																2	2	2	5
2/ 1	.1																	1	1	1	3
0/ -1																					4
-2/ -3																					2
-4/ -5																					1
-8/ -9																					4
-10/-11																					1
-14/-15																					1
TOTAL	4.7	17.8	9.7	10.0	10.0	9.7	9.3	7.2	6.2	7.2	3.7	1.6	1.6	.4	.4	.1		678	678	678	678

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2062904	33250	49.0	25.269	678							
Dry Bulb	1425655	29637	43.7	13.865	678		18.7	3.5	1.1			84
Wet Bulb	876595	23673	34.9	8.597	678		29.1					84
Dew Point	376789	14677	21.6	9.341	678	1.6	74.3					84

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65										.1	.3	.1						4	4		
64/ 63							.1	.3	.3									5	5		
62/ 61							.1	.1										2	2		
60/ 59								.4			.1							4	4		
58/ 57					.3	.1	.1				.1							5	5		
56/ 55						.3	.3	.3	.4	.3								11	11		
54/ 53					.1	.4		.7	.6	.4								16	16		
52/ 51					.1	.3	.1	1.2	.3	.1								15	15	1	
50/ 49					.1	1.3	.9	.6	.6									24	24	6	
48/ 47			.3		.9	1.3	1.5	1.6	.4									41	41	6	
46/ 45		1.0	.3	.4	.7	1.9	1.3	.3	.4									44	44	10	1
44/ 43		.1	.7	1.5	1.0	1.6	1.0											41	41	15	5
42/ 41		.4	1.3	1.9	1.2	1.5	.7											48	48	12	7
40/ 39	.4	1.0	1.6	2.2	1.5	.3	.3											50	50	47	6
38/ 37	.4	1.6	1.2	1.2	2.4	.1												47	47	67	12
36/ 35		2.1	2.1	2.7	.3													48	48	78	17
34/ 33		1.8	1.8	1.2	.6		.1											37	37	80	20
32/ 31	.4	3.8	2.8	1.9	1.0													68	68	71	52
30/ 29	.9	1.5	.3	.4	.1													22	22	75	40
28/ 27		2.1	1.2	.9														28	28	41	47
26/ 25	.4	1.6	.9	.4														23	23	36	54
24/ 23	.6	1.9	.1	.1														19	19	36	40
22/ 21	.9	1.9	.1															20	20	28	54
20/ 19	.6	1.5																14	14	19	72
18/ 17	.7	1.0																12	12	16	48
16/ 15	.4	1.3																12	12	11	50
14/ 13	.7	.1																6	6	10	36
12/ 11	.7	.3																7	7	7	38
10/ 9	.3																	2	2	3	30
8/ 7																					16
6/ 5																					11
4/ 3																					9
2/ 1	.1	.3																3	3	1	4
0/ -1																				2	1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					2
-3/ -9																					2
-1 0/-11																					4
TOTAL	7.8	25.5	14.7	14.9	10.5	9.3	6.8	5.6	3.1	1.0	.6	.1						678			678
																		678		678	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2728225	40031	59.0	23.209	678							
Dry Bulb	1000400	24938	36.8	11.082	678		29.2					84
Wet Bulb	696963	21069	31.1	7.899	678	.2	44.1					84
Dew Point	367955	14479	21.4	9.316	678	1.1	75.6					84

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) FEB (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85																	.0	2	2		
84/ 83																	.0	2	2		
82/ 81														.0		.0		2	2		
80/ 79														.1		.2	.0	13	13		
78/ 77													.1	.0	.1	.1		16	16		
76/ 75											.0	.1	.2	.1	.1			24	24		
74/ 73											.1	.1	.2	.1	.2			31	31		
72/ 71										.1	.0	.1	.1	.2	.0			27	27		
70/ 69									.0	.0	.1	.5	.1	.1				46	46		
68/ 67									.1	.1	.2	.4	.2	.1				62	62		
66/ 65							.0	.1	.1	.4	.5	.2	.0					69	69		
64/ 63						.0	.0	.1	.3	.5	.6	.1	.1					91	91		
62/ 61					.0	.0	.1	.3	.5	.7	.4	.1						110	110		
60/ 59					.0		.1	.6	.5	.5	.2	.1						110	110		
58/ 57					.0	.1	.4	.7	.4	.5	.1	.0						121	121		
56/ 55				.0	.1	.2	.6	.6	.6	.4	.1							139	139	5	
54/ 53			.0	.0	.2	.5	.8	.7	.5	.1	.0							158	158	31	
52/ 51			.1	.1	.3	.5	.9	.6	.2	.1								156	156	36	
50/ 49			.1	.1	.4	.8	1.1	.6	.2	.0								183	183	72	
48/ 47		.2	.1	.3	.8	1.0	1.0	.5	.1									216	216	152	2
46/ 45	.1	.4	.2	.5	1.0	1.0	1.0	.2	.1									235	235	246	21
44/ 43	.1	.1	.2	.8	1.3	.9	.7	.1	.0									222	222	274	29
42/ 41		.3	.6	1.0	.9	1.1	.4											236	236	254	27
40/ 39	.1	.7	1.1	1.6	1.0	.7	.2	.0										298	298	357	52
38/ 37	.2	1.4	1.4	1.1	1.0	.5	.0											302	302	384	67
36/ 35	.3	1.7	1.7	1.3	.5	.2	.0											310	310	445	128
34/ 33	.1	2.0	1.7	1.2	.4	.1	.0											298	298	461	204
32/ 31	.6	3.3	2.5	1.1	.5	.0												435	435	445	372
30/ 29	1.1	1.8	1.1	.7	.2													260	260	492	324
28/ 27	1.0	2.1	1.0	.3	.1													238	238	411	441
26/ 25	.8	2.5	.9	.1														227	227	301	530
24/ 23	.5	1.3	.5	.0														129	129	269	361
22/ 21	.9	2.0	.3															172	172	209	481
20/ 19	.8	1.6	.3															147	147	147	534

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | FEB MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
18/ 17	.5	1.4	.1														108	108	137	372
16/ 15	.2	1.3	.0														86	86	113	306
14/ 13	.7	.4															60	60	91	302
12/ 11	.3	.2															27	27	38	323
10/ 9	.2	.1															20	20	25	192
8/ 7	.3	.1															19	19	20	110
6/ 5		.0															1	1	2	70
4/ 3		.1															3	3	4	59
2/ 1	.0	.0															4	4	2	41
0/ -1	.0	.0															3	3	4	12
-2/ -3	.0	.0															2	2	2	10
-4/ -5	.1																3	3	4	15
-6/ -7		.0															1	1		11
-8/ -9																			1	13
-10/-11																				10
-14/-15																				4
-18/-19																				1
TOTAL	9.9	25.0	14.0	10.1	8.6	7.5	7.4	5.1	3.6	3.4	2.3	1.6	1.0	.6	.4	.2	.1		5424		5424
																		5424		5424	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21075693	308873	56.9	25.357	5424							
Dry Bulb	9452905	212403	39.2	14.468	5424	1.1	241.0	27.9	11.2	1.2		672
Wet Bulb	6133943	175307	32.3	9.289	5424	1.4	335.4					672
Dew Point	2979046	117368	21.6	9.001	5424	9.4	606.3					672

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.1					.1	.4	.4								8	8		
62/ 61			.3			.3	.1		.3	.5								11	11		
60/ 59		.4		.1		.1	.1	.1	.1	.3								10	10	2	
58/ 57		.1	.5				.1	.3	.1									9	9	4	4
56/ 55		.3	.3		.8	.1	.1	.5	.3	.1								19	19	1	2
54/ 53		.3	.5	.8	.1	.1	.3	.4	.4									22	22	8	3
52/ 51			.1	.7	.1	.5	1.2	1.3	.4									33	33	8	1
50/ 49		.5	.8	.3	.3	.8	1.5	1.6	.1									44	44	4	9
48/ 47		.5	.5	.7	1.3	.9	2.0	.5										49	49	23	4
46/ 45		1.9	.5	1.6	2.0	1.5	1.2	.1										66	66	28	5
44/ 43		1.5	1.5	1.2	2.2	.7	.7	.1										58	58	32	19
42/ 41		1.2	3.0	1.3	.3	.9	.5											54	54	42	31
40/ 39	.1	1.9	2.7	2.0	1.2	.8	.3											67	67	70	13
38/ 37	.3	2.2	2.0	1.2	1.7	1.2												64	64	103	23
36/ 35		1.2	1.3	1.2	.7	.4												36	36	93	38
34/ 33	.1	1.7	.8	1.6	.7													37	37	57	35
32/ 31		3.2	2.0	1.5	.1													51	51	47	61
30/ 29	.4	2.2	1.3	.4		.1												33	33	73	43
28/ 27	.1	2.2	.9	.5	.3													30	30	54	67
26/ 25		.7	1.1	.1														14	14	38	54
24/ 23		.9																7	7	15	45
22/ 21	.1	.7	.1															7	7	23	39
20/ 19		.7																5	5	5	52
18/ 17		.1																1	1	4	47
16/ 15																				1	32
14/ 13																					49
12/ 11		.5																4	4		22
10/ 9	.3	.3																4	4	7	11
8/ 7		.1																1	1	2	20
6/ 5																					5
4/ 3																					4
2/ 1																					3
-2/ -3																					1
-4/ -5																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047	AMARILLO MAP TX	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

0000-0200
HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.5	25.3	20.6	15.3	11.8	8.6	8.2	5.2	2.2	1.3								744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3002786	44398	59.7	21.808	744							
Dry Bulb	1308071	30337	40.8	9.780	744		19.6					93
Wet Bulb	954626	25992	34.9	7.918	744		33.6					93
Dew Point	582818	19262	25.9	10.641	744	.4	69.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
68/ 67											.1	.1							2	2		
66/ 65											.1								1	1		
64/ 63								.1	.1	.3									4	4		
62/ 61								.1	.1										2	2		
60/ 59		.4	.1		.3			.1											7	7		
58/ 57			.3	.1															3	3	3	1
56/ 55		.1	.1	.3	.1	.1	.1	.4											10	10	3	2
54/ 53		.9	.7	.3	.1		.3	.3											19	19	2	2
52/ 51	.1	.7	.4	.1	.1	.1	.8	.1											19	19	12	7
50/ 49		.1	.9	.3		.1	.8	.8											23	23	14	7
48/ 47		.7	.7	.7	.3	.7	1.2	.4											34	34	16	4
46/ 45		2.0	.3	1.1	1.3	1.9	.7	.1											55	55	18	12
44/ 43		2.2	.5	1.2	1.9	1.2	.8	.1											59	59	27	24
42/ 41		1.5	1.6	2.0	1.1	.7	.1												52	52	29	13
40/ 39	.1	1.3	3.9	2.4	1.2	.9													74	74	38	21
38/ 37	.3	3.6	2.0	.9	1.5	.3													64	64	80	17
36/ 35		2.2	2.0	.8	2.0	.4													55	55	100	36
34/ 33		2.0	1.7	1.2	1.1														45	45	68	23
32/ 31	.4	3.9	2.6	1.9	.3														67	67	53	64
30/ 29	.8	2.4	1.3	.7															39	39	81	45
28/ 27	.1	2.7	.7	.5	.1														31	31	70	67
26/ 25		2.8	1.5	.4	.1														36	36	45	57
24/ 23	.1	.8																	7	7	33	56
22/ 21		.5	.7	.1															10	10	17	56
20/ 19	.1	.8	.1																8	8	11	41
18/ 17	.1	.9																	8	8	9	37
16/ 15		.1																	1	1	6	48
14/ 13																						41
12/ 11																						13
10/ 9	.4	.5																	7	7	3	21
8/ 7		.3																	2	2	6	15
6/ 5																						2
4/ 3																						3
2/ 1																						6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 0300-0500 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/ -3																				3
TOTAL	2.7	33.6	22.2	15.1	11.6	6.5	4.8	2.7	.3	.3	.3	.1						744		744
																	744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3441772	48302	64.9	20.291	744							
Dry Bulb	1142318	28278	38.0	9.533	744		27.0	.3				93
Wet Bulb	878604	24838	33.4	8.154	744		41.8					93
Dew Point	578641	19225	25.8	10.497	744	.4	71.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63										.1								1	1		
62/ 61									.3									2	2		
60/ 59		.3							.1	.1								4	4		
58/ 57		.1		.1														2	2	2	
56/ 55		.4		.1	.1		.1	.1		.1								8	8	1	3
54/ 53		.1	.3		.3	.1	.1		.1									8	8	4	2
52/ 51		1.2	.4	.5	.3	.4	.4	.3	.1									27	27	4	4
50/ 49		.8	.7	.5	.3	.5	.8	.5										31	31	10	3
48/ 47		.7	.7	.3	.3	.5	.7	.3										25	25	14	8
46/ 45		.9	.4	.4	.9	1.2	1.2	.1										39	39	21	14
44/ 43		1.6	1.1	1.5	1.9	.1	.4											49	49	21	10
42/ 41		1.5	1.5	1.7	.8	1.2	.1											51	51	28	14
40/ 39	.1	2.0	3.1	2.7	1.5	.8	.1											77	77	33	17
38/ 37	.4	2.7	2.8	.7	1.5	.5												64	64	70	20
36/ 35	.3	2.0	2.3	.8	1.5													51	51	94	39
34/ 33		4.6	2.4	1.2	.9	.1												69	69	76	24
32/ 31	.1	4.8	2.3	1.9	.5	.1												73	73	67	57
30/ 29	1.1	3.0	.9	.8														43	43	90	64
28/ 27	.5	2.3	1.3	.3														33	33	58	77
26/ 25	.1	3.0	1.3		.3													35	35	51	68
24/ 23	.3	1.3	.3															14	14	45	34
22/ 21		.8	.4															9	9	16	48
20/ 19	.1	.5	.4															8	8	11	45
18/ 17	.1	.7																6	6	6	44
16/ 15		.4																3	3	9	42
14/ 13	.1	.3																3	3	2	40
12/ 11	.1	.1																2	2	3	26
10/ 9	.3	.3																4	4	4	22
8/ 7		.1																1	1	1	4
6/ 5		.1																1	1	2	4
4/ 3	.1																	1	1	1	2
2/ 1																					5
0/ -1																					3
-2/ -3																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	3.9	36.7	22.6	13.6	11.0	5.8	4.0	1.3	.7	.4								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3628577	49793	66.9	19.964	744							
Dry Bulb	1073756	27422	36.9	9.212	744		29.5					93
Wet Bulb	838301	24271	32.6	7.913	744		45.8					93
Dew Point	562203	19031	25.6	10.074	744	.5	73.3					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79												.1						1	1		
78/ 77														.1				1	1		
76/ 75														.1				1	1		
74/ 73									.3		.1	.5	.1	.3				10	10		
72/ 71										.1	.5	.4	.3					10	10		
70/ 69									.1	.1	.3	.3	.1					7	7		
68/ 67							.1		.3	.5	.3	.3	.1					12	12		
66/ 65			.1			.3			.4	.7	.4	.1						15	15		
64/ 63						.3	.1	.1	.4	.5	.5							15	15		
62/ 61		.1	.1	.1		.3	.3	.4	1.2	.9	.4							29	29	1	
60/ 59		.1	.1		.1		.9	1.5	.5	.8	.1							32	32	3	1
58/ 57		.1		.1	.1	.1	.9	.5	1.5	.5								30	30	4	2
56/ 55		.3	.3	.1	.3	.5	.8	.9	1.3	.3	.1							37	37	6	2
54/ 53		.1	.4	.1	.5	1.9	1.7	.4	.7	.1								45	45	9	2
52/ 51		.7	.3	.3	.7	1.2	1.3	.9	.3	.1								43	43	23	2
50/ 49	.1	.3	.7	.1	1.1	1.6	.9	1.2	.3									47	47	25	6
48/ 47		.7	.9	.8	2.0	1.1	.7	.5										50	50	47	13
46/ 45		.7	.5	.8	1.1	1.5	.9	.3										43	43	55	7
44/ 43		.9	1.5	2.7	1.3	.8	.8											60	60	69	16
42/ 41	.1	.9	.9	1.6	.9	.9												41	41	70	12
40/ 39	.3	1.6	1.3	1.7	.4	.7	.1											46	46	82	15
38/ 37		1.5	1.6	.7	.5	.1												33	33	74	33
36/ 35	.1	1.3	1.2	.5	.4													27	27	71	38
34/ 33		1.6	.7	.9	.1	.1												26	26	54	57
32/ 31	.1	1.3	.7	.8	.3													24	24	43	84
30/ 29	.4	1.2	.3	.1														15	15	29	71
28/ 27	.1	1.5	.3	.3														16	16	29	59
26/ 25		.3		.3														4	4	17	48
24/ 23		.3																2	2	6	37
22/ 21	.1	.3	.1															4	4	6	40
20/ 19		.8																6	6	6	55
18/ 17		.4	.1															4	4	4	31
16/ 15		.3																2	2	4	33
14/ 13	.3	.1																3	3	3	25

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 0900-1100 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
120/ 110		.1																1	1	1	24
100/ 90		.1																1	1	2	11
80/ 70		.1																1	1		7
60/ 50																				1	5
40/ 30																					3
20/ 10																					2
00/ -10																					1
-80/ -90																					2
TOTAL	1.7	17.9	12.2	12.2	9.9	11.4	9.8	6.9	7.3	4.8	2.8	1.7	.7	.5				744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2404475	38529	51.8	23.468	744							
Dry Bulb	1758563	35025	47.1	12.151	744		10.4	5.3	1.6	.1		93
Wet Bulb	1159557	28731	38.6	8.208	744		18.9					93
Dew Point	625806	20246	27.2	10.038	744	.4	67.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.1			1	1		
84/ 83														.1	.3			3	3		
82/ 81													.1	.4	.4	.1	.1	9	9		
80/ 79													.3	1.1	.1	.4		14	14		
78/ 77											.1	.4	.3	.7	.5	.3		17	17		
76/ 75										.3		.5	1.6	.4	.5			25	25		
74/ 73								.1	.1		.1	.7	1.6	.8				26	26		
72/ 71									.3	.1	.8	1.2	.9	.3				27	27		
70/ 69					.3				.1	.4	1.1	1.1	.3	.1				25	25		
68/ 67						.1		.1	.3	.7	1.3	1.2	.4					31	31		
66/ 65				.1		.1		.1	.8	1.6	1.1	.4						32	32		
64/ 63		.1		.1				.3	1.1	1.7	1.3		.1					36	36		
62/ 61							.3	1.2	2.3	1.3	.3	.4						43	43	3	
60/ 59	.1				.1		.5	2.2	1.2	.7	.3	.3						40	40	6	2
58/ 57			.5	.3		.5	1.1	.7	1.3	.7	.3							40	40	7	
56/ 55		.1	.4	.4	.1	.8	.9	.5	.7	.9	.1							38	38	16	4
54/ 53		.3		.1	.4	.7	1.2	.8	.9	.7								38	38	34	1
52/ 51		.4	.3	.9	1.2	1.3	1.3	.7	.7									51	51	46	4
50/ 49		.5	.4	.5	.7	1.2	.8	1.1	.1									40	40	67	8
48/ 47		.3	.5	.9	.7	.5	.7	.5										31	31	80	7
46/ 45		.8	.3	.4	.8	1.1	.5	.3										31	31	98	8
44/ 43		.5	.4	.3	.7	.4	.4											20	20	70	12
42/ 41	.4	.5	.5	.4	.4	.4	.4											23	23	61	16
40/ 39		.5	.8	.7	.8	.4												24	24	56	18
38/ 37		.7	.9	.3	.3	.3												18	18	48	29
36/ 35	.1	.7	.1	.5	.5													15	15	47	44
34/ 33		.7	.3	.4														10	10	31	42
32/ 31	.4	.5	.4															10	10	25	82
30/ 29		.3		.1														3	3	15	51
28/ 27	.1	.4																4	4	11	73
26/ 25		.5																4	4	4	50
24/ 23		.3	.1															3	3	4	47
22/ 21		.5																4	4	3	45
20/ 19		.3																2	2	5	43

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 1200-1400 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
18/ 17		.3	.1															3	3	1	25
16/ 15		.1	.1															2	2	4	27
14/ 13		.1																1	1	1	21
12/ 11																				1	36
10/ 9																					23
8/ 7																					8
6/ 5																					2
4/ 3																					3
2/ 1																					3
0/ -1																					3
-2/ -3																					2
-4/ -5																					1
-6/ -7																					3
-8/-11																					1
TOTAL	1.2	9.5	6.3	6.6	7.0	7.9	8.2	8.6	9.9	9.1	6.9	6.2	5.6	3.9	2.0	.8	.1	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1557665	29063	39.1	23.843	744							
Dry Bulb	2466345	41607	55.9	13.704	744		4.5	22.3	11.9	2.6		93
Wet Bulb	1414373	31889	42.9	8.001	744		9.3					93
Dew Point	609330	19754	26.6	10.686	744	1.3	68.6					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 1500-1700 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.5		.1	5	5		
84/ 83															.4			3	3		
82/ 81													.3	1.2	.4	.1	.8	21	21		
80/ 79													.1	1.5	.4	.7		20	20		
78/ 77												.7	.4	1.2	.9	.4		27	27		
76/ 75									.1		.1	.3	1.5	.4	.4			21	21		
74/ 73						.1	.1				.1	.9	1.6	.5	.1			27	27		
72/ 71					.1		.3		.1		.5	1.5	1.6	1.3	.3			43	43		
70/ 69					.1				.3	.1	.1	1.7						18	18		
68/ 67								.1	.4	1.1	2.3	1.9		.1				44	44		
66/ 65								.1	.9	1.7	1.5	.5	.4					39	39	1	
64/ 63								.1	1.6	1.3	1.1	.5	.3					37	37	1	
62/ 61							.4	.4	.8	.7	2.0	.7						37	37	3	1
60/ 59					.1		.9	1.2	.7	1.2	.3	.1						34	34	2	
58/ 57			.1	.1	.3	.9	1.1	1.3	1.9	.5	.7							52	52	10	1
56/ 55		.1		.1	.5	.8	.8	1.5	.8	.5	.4							42	42	24	1
54/ 53		.5	.1	.8	.9	.5	1.3	.4	1.2	.4	.1							48	48	32	2
52/ 51		.3	.5	.7	.5	.7	.8	.4	.8									35	35	47	7
50/ 49		.4	.3	.1	.4	1.6	.8	.7	.9									39	39	78	
48/ 47		.3	.4	.3	.3	1.1	.9	.5										28	28	113	5
46/ 45		.4	.1	.5	.4	1.1	.1											20	20	85	9
44/ 43	.1	.7	.4	.5	.3		.1											16	16	56	11
42/ 41		.5	.1	.9	.1	.5	.1											18	18	77	15
40/ 39		.7	.5	.3	.3	.4												16	16	51	25
38/ 37		.3	.5	.8		.1												13	13	46	31
36/ 35		.9	.1															8	8	54	27
34/ 33		.3	.3															4	4	14	37
32/ 31		.4	.9															10	10	17	65
30/ 29		.1	.1															2	2	6	60
28/ 27			.5															4	4	9	60
26/ 25		.8																6	6	2	53
24/ 23		.1																1	1	9	46
22/ 21																				1	56
20/ 19			.4															3	3		45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
18/ 17		.4																3	3		28
16/ 15																				6	30
14/ 13																					40
12/ 11																					18
10/ 9																					20
8/ 7																					15
6/ 5																					5
4/ 3																					8
2/ 1																					9
0/ -1																					1
-2/ -3																					4
-4/ -5																					3
-8/ -9																					3
-10/-11																					3
TOTAL	.1	7.3	5.6	5.2	4.4	7.9	7.9	6.9	10.6	7.7	9.3	8.9	6.2	6.3	3.5	1.2	.9	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1261035	25427	34.2	22.971	744							
Dry Bulb	2708022	43756	58.8	13.462	744		3.6	28.6	15.5	5.0		93
Wet Bulb	1476159	32675	43.9	7.441	744		6.3					93
Dew Point	562871	18717	25.2	11.128	744	1.8	71.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.1		.1	2	2		
80/ 79											.1			.5		.4	.1	9	9		
78/ 77													.3	.3	.1	.1		6	6		
76/ 75											.3	.4	.5		.5			13	13		
74/ 73											.3	.9	1.1					17	17		
72/ 71						.1	.1	.1		.3	.1	.4	.5	.4				16	16		
70/ 69							.1		.1	.1	.5	.7	.3	.4				17	17		
68/ 67					.1	.3		.1	.3	.9	.9	1.3	.1	.3				33	33		
66/ 65			.1			.1	.1	.1	.4	.9	1.5	.1	.1					27	27		
64/ 63				.1		.1		.1	.8	.8	1.6	.4						30	30	1	
62/ 61				.1		.3	.3	.4	.1	1.7	1.1	.3						32	32	1	
60/ 59							.5	1.2	1.3	1.2	.9							39	39	5	1
58/ 57				.3	.1	.5	.8	.7	1.7	1.2	.1							41	41	5	1
56/ 55			.1	.1	.4	.7	1.1	.9	1.6	.8								43	43	5	
54/ 53		.4	.1	.7	.5	.4	1.7	1.1	.9	.3								46	46	18	3
52/ 51			.5	.5	.8	1.5	1.3	1.6	.5	.4								54	54	31	6
50/ 49		.3	.4	.9	.8	1.1	1.2	.9	.8									48	48	36	4
48/ 47		.1	1.1	.5	.5	.7	1.1	1.7	.3									45	45	66	3
46/ 45		1.3	.5	.5	.9	.8	.8	.3										39	39	75	7
44/ 43		1.2	.3	.8	.5	.7	1.1	.4										37	37	92	16
42/ 41		.4	.4	1.3	.9	.4	.3	.1										29	29	80	19
40/ 39	.3	.9	1.1	1.1	.4	.5	.1											33	33	73	28
38/ 37		.9	.7	.4	.4	.1												19	19	61	30
36/ 35		1.2	.8	.4	.4													21	21	63	25
34/ 33		.8	.7	.1	.1													13	13	44	29
32/ 31		.7	.4	.1	.1													10	10	33	69
30/ 29		.1	.8	.1														8	8	19	46
28/ 27		.1	.3															3	3	10	56
26/ 25		.9																7	7	12	64
24/ 23		.1																1	1	7	32
22/ 21																				1	47
20/ 19			.1															1	1		69
18/ 17																					33
16/ 15		.4	.1															4	4	2	36

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | MAR (MONTH)

1800-2000 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																				2	26
12/ 11		.1																1	1	1	26
10/ 9																				1	21
8/ 7																					13
6/ 5																					6
4/ 3																					12
2/ 1																					7
0/ -1																					1
-2/ -3																					2
-4/ -5																					1
-6/ -7																					2
-8/ -9																					1
-10/-11																					1
-14/-15																					1
TOTAL	.3	10.2	8.6	8.3	7.3	8.3	10.8	9.9	9.0	8.7	7.5	4.6	3.0	1.9	.8	.5	.3	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1651280	30320	40.8	23.652	744							
Dry Bulb	2193198	39324	52.9	12.427	744		4.4	14.1	5.9	.8		93
Wet Bulb	1291875	30499	41.0	7.484	744		11.0					93
Dew Point	562153	18717	25.2	11.084	744	1.1	71.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75													.1					1	1			
74/ 73												.1						1	1			
72/ 71										.1								1	1			
70/ 69										.1	.1	.1						3	3			
68/ 67											.1							1	1			
66/ 65			.1			.1		.1	.1	.1	.1							6	6			
64/ 63			.3				.4	.1	.1	.7	.1	.1						14	14			
62/ 61				.4	.1	.1	.4	.1	.3	.8	.4							20	20	1		
60/ 59		.1	.3	.1	.1		.1	1.1	1.2	.5	.1							28	28	2		
58/ 57		.1			.3	.4	.4	.3	.9	.9	.1							26	26	3	3	
56/ 55		.1	.4		.4	.4	.1	.8	1.1	.1								26	26	5	1	
54/ 53		.3	.1	.3	.3	.4	.5	1.7	1.2	.3								38	38	6	5	
52/ 51		.4	.4	.4	.5	1.3	.9	2.6	.4	.1								53	53	15	4	
50/ 49		.1	.3	.7	1.7	1.2	1.9	.9	.1									52	52	12	6	
48/ 47		.4	.7	.9	1.3	.9	1.6	.7	.1									50	50	28	5	
46/ 45		1.1	1.7	1.9	1.6	1.3	.8	.8										69	69	26	4	
44/ 43		1.5	1.1	1.2	1.5	.3	.5	.3										47	47	59	11	
42/ 41		1.9	1.5	1.1	1.2	1.6	.7	.1										60	60	78	25	
40/ 39	.3	1.1	1.2	1.9	.5	1.3	.5											51	51	96	21	
38/ 37	.1	.9	1.9	1.1	1.1	1.2	.3											49	49	87	39	
36/ 35		1.6	1.2	.8	1.1	.4												38	38	74	31	
34/ 33		1.2	1.5	.9	.3	.1												30	30	51	34	
32/ 31		1.6	.8	.5	.1													23	23	52	59	
30/ 29	.1	2.0	.8	.5														26	26	56	47	
28/ 27		.4	.5	.1														8	8	47	60	
26/ 25		.9	.1															8	8	14	55	
24/ 23		.8																6	6	16	39	
22/ 21		.4																3	3	8	33	
20/ 19																				2	68	
18/ 17																					36	
16/ 15																					45	
14/ 13		.1																1	1		44	
12/ 11		.1																1	1	1	16	
10/ 9		.4																3	3	2	12	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047	AMARILLO MAP TX	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
8/ 7	.1																	1	1	3	10
6/ 5																					7
4/ 3																					12
2/ 1																					7
0/ -1																					1
-4/ -5																					2
-6/ -7																					1
-12/-13																					1
TOTAL	.7	17.7	14.9	12.9	12.2	11.3	9.3	9.7	5.6	3.9	1.2	.4	.1					744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2412000	38780	52.1	22.930	744							
Dry Bulb	1576495	33395	44.9	10.215	744		10.0	.9	.3			93
Wet Bulb	1067281	27615	37.1	7.545	744		25.1					93
Dew Point	578516	19080	25.6	10.957	744	.6	69.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 86/ 85															.1		.0	8	8		
84/ 83														.0	.1			6	6		
82/ 81													.1	.2	.1	.0	.1	30	30		
80/ 79											.0	.0	.1	.4	.1	.2	.0	44	44		
78/ 77											.0	.1	.1	.3	.2	.1		51	51		
76/ 75									.0	.0	.1	.2	.5	.1	.2			61	61		
74/ 73						.0	.0	.0	.1		.1	.4	.6	.2	.0			81	81		
72/ 71					.0	.0	.1	.0	.1	.1	.3	.4	.4	.3	.0			97	97		
70/ 69					.1		.0		.1	.1	.3	.5	.1	.1				70	70		
68/ 67					.0	.1	.0	.1	.2	.4	.6	.6	.1	.1				123	123		
66/ 65			.1	.0		.1	.0	.1	.3	.6	.6	.2	.1					120	120	1	
64/ 63		.0	.1	.0		.1	.1	.1	.6	.7	.6	.1	.1					145	145	2	
62/ 61		.0	.1	.1	.0	.1	.2	.3	.7	.8	.5	.2						176	176	9	1
60/ 59	.0	.2	.1	.0	.1	.0	.4	.9	.7	.6	.2	.1						194	194	20	4
58/ 57		.1	.2	.1	.1	.3	.6	.5	.9	.5	.2							203	203	38	12
56/ 55		.2	.2	.2	.4	.4	.5	.7	.7	.4	.1							223	223	61	15
54/ 53		.4	.3	.4	.4	.5	.9	.6	.7	.2	.0							264	264	113	20
52/ 51	.0	.5	.4	.5	.5	.9	1.0	1.0	.4	.1								315	315	186	35
50/ 49	.0	.4	.6	.4	.7	1.0	1.1	1.0	.3									324	324	246	43
48/ 47		.5	.7	.6	.8	.8	1.1	.7	.1									312	312	387	49
46/ 45		1.1	.6	.9	1.1	1.3	.8	.3										362	362	406	66
44/ 43	.0	1.3	.8	1.2	1.3	.5	.6	.1										346	346	426	119
42/ 41	.1	1.1	1.2	1.3	.7	.8	.3	.0										328	328	465	145
40/ 39	.2	1.3	1.8	1.6	.8	.7	.2											388	388	499	158
38/ 37	.1	1.6	1.6	.8	.9	.5	.0											324	324	569	222
36/ 35	.1	1.4	1.1	.6	.8	.2												251	251	596	278
34/ 33	.0	1.6	1.0	.8	.4	.1												234	234	395	281
32/ 31	.1	2.1	1.3	.8	.2	.0												268	268	337	541
30/ 29	.4	1.4	.7	.4		.0												169	169	369	427
28/ 27	.1	1.2	.6	.2	.1													129	129	288	519
26/ 25	.0	1.2	.5	.1	.1													114	114	183	449
24/ 23	.1	.6	.1															41	41	135	336
22/ 21	.0	.4	.2	.0														37	37	75	364
20/ 19	.0	.4	.1															33	33	40	418

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
18/ 17	.0	.4	.0															25	25	24	261
16/ 15		.2	.0															12	12	32	293
14/ 13	.1	.1																8	8	8	286
12/ 11	.0	.1																9	9	7	161
10/ 9	.1	.2																19	19	19	141
8/ 7	.0	.1																6	6	12	92
6/ 5		.0																1	1	3	36
4/ 3	.0																	1	1	1	47
2/ 1																					42
0/ -1																					10
-2/ -3																					13
-4/ -5																					9
-6/ -7																					6
-8/ -9																					6
-10/-11																					5
-12/-13																					1
-14/-15																					1
TOTAL	1.5	19.8	14.1	11.2	9.4	8.5	7.9	6.4	5.7	4.5	3.5	2.7	1.9	1.6	.8	.3	.2		5952		5952
																		5952		5952	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19359590	304612	51.2	25.170	5952							
Dry Bulb	14226768	279144	46.9	13.811	5952		109.0	71.4	35.1	8.5		744
Wet Bulb	9080776	226510	38.1	8.798	5952		191.6					744
Dew Point	4662338	154032	25.9	10.659	5952	6.4	563.0					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1										1	1		
74/ 73												.1						1	1		
72/ 71						.3	.3											4	4		
70/ 69					.6	.6	.3	.3		.1								13	13		
68/ 67				.1	.3	.3		.3		.1								8	8		
66/ 65			.4	.3	.3	.3	.4	.8			.4							21	21		
64/ 63				.4	.8	1.0	.8		.4		.7							30	30	2	
62/ 61		.7	1.0	1.1	.3	.7	1.0	.4		.3								39	39	14	3
60/ 59		.8	1.1	.3	1.3	.8	.8	1.4	.1	.7								53	53	14	3
58/ 57		.6	.7	.6	.8	.7	.8	.7	.4	.3								40	40	22	9
56/ 55		1.8	1.9	.4	.7	1.0	.8	.4	.7	.3								58	58	33	26
54/ 53		1.9	1.1	.7	.3	1.3	.8	.7	.3									51	51	42	22
52/ 51	.3	1.5	1.1	1.1	1.4	.6	1.8	1.0	.7									68	68	60	39
50/ 49		.4	1.3	1.1	1.3	.8	1.3	.3	.1									47	47	33	28
48/ 47	.1	.7	.6	.8	.7	1.3	.8											36	36	48	23
46/ 45	.1	1.3	1.1	1.5	1.8	1.4	.3	.1										55	55	52	38
44/ 43		1.1	.8	1.8	1.1	.3												37	37	59	18
42/ 41		1.9	1.3	1.8	.6	.6												44	44	54	43
40/ 39		1.9	1.1	.6	.7	.7												36	36	68	37
38/ 37		1.1	.8	.1	1.0	.1												23	23	73	35
36/ 35		1.3	1.0	.3	.6													22	22	59	57
34/ 33		.6	.7		.1													10	10	23	31
32/ 31		1.3	.3	.3														13	13	21	52
30/ 29		.3	.1															3	3	25	42
28/ 27		.1		.1	.1													3	3	10	50
26/ 25		.3																2	2	2	35
24/ 23		.1	.1															2	2	2	9
22/ 21																				2	22
20/ 19																				2	30
18/ 17																					30
16/ 15																					14
14/ 13																					10
12/ 11																					5
10/ 9																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
87																				2
67																				1
27	1																			2
TOTAL	.6	19.7	16.5	13.5	14.6	12.5	10.3	6.5	2.8	1.8	1.1	.1							720	720
																		720	720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2929257	43275	60.1	21.367	720		2.9	3.4	.3			90
Dry Bulb	1915676	36490	50.7	9.606	720		8.0					90
Wet Bulb	1431045	31511	43.8	8.501	720		38.5					90
Dew Point	1013137	25577	35.5	12.059	720							

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.3													2	2		
68/ 67				.4	.3	.1												6	6		
66/ 65			.1	.4	.4		.4											10	10		
64/ 63		.1	.4	.7		.4					.1	.1						14	14	1	
62/ 61		1.1	1.1	.6	.6	.3	.1			.1								28	28	12	
60/ 59	.1	.1	1.4	.8	.3	.4	.4	.4	.1	.4								33	33	15	9
58/ 57	.1	.6	1.9	.8	1.5	.4	.3	.7	.3									48	48	20	16
56/ 55		1.7	.8	1.7	.1	1.4	.7		.7									51	51	35	15
54/ 53		1.4	.8	.6	.7	.4	.8	.4	.3									39	39	26	29
52/ 51	.1	2.4	1.3	1.4	1.4	1.4	.6	.7	.4									69	69	40	39
50/ 49	.3	1.9	1.0	.7	.7	1.3	.3	.8										50	50	42	24
48/ 47		1.4	1.1	1.1	.7	.7	1.0											43	43	36	23
46/ 45	.4	1.3	.7	2.2	.8	1.4	.4											52	52	51	42
44/ 43	.1	1.7	1.5	1.4	.8	1.4												50	50	51	26
42/ 41		2.1	2.4	2.2	.4	.3												53	53	59	31
40/ 39	.1	1.8	2.1	1.9	.8	.6	.1											54	54	67	32
38/ 37		.7	1.3	.7	1.0													26	26	64	31
36/ 35		1.1	1.1	1.0	.6	.3												29	29	72	50
34/ 33		2.8	.3	.7	.3													29	29	37	45
32/ 31		1.3	.6	.3														15	15	30	53
30/ 29		1.1	.3															10	10	30	37
28/ 27		.1																1	1	18	50
26/ 25		.3	.1															3	3	6	37
24/ 23		.1	.1															2	2	2	13
22/ 21		.1	.1															2	2	2	27
20/ 19		.1																1	1	2	29
18/ 17																				2	19
16/ 15																					22
14/ 13																					7
12/ 11																					3
10/ 9																					7
8/ 7																					3
6/ 5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 0300-0500 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	1.4	25.3	20.6	19.6	11.7	10.7	5.1	3.1	1.8	.6	.1	.1						720	720	720	720

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3423431	47447	65.9	20.315	720							
Dry Bulb	1704009	34379	47.7	9.320	720		4.3	1.0				90
Wet Bulb	1345363	30467	42.3	8.837	720		11.5					90
Dew Point	1015389	25597	35.6	12.106	720		38.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
71/ 69						.1	.1											2	2		
69/ 67			.1	.1														2	2		
67/ 65			.7	.4	.3	.1			.1									12	12		
65/ 63		.1	.6	.1	.3	.1	.3	.1	.1									13	13	2	
63/ 61		.8	1.5	1.3	.6		.1	.1		.3								34	34	9	2
61/ 59	.1	.7	.7	.7	.3	.1	.1		.3	.4								25	25	18	9
59/ 57		.4	1.5	1.5	1.1	.4	.4	.6										43	43	19	15
57/ 55		2.1	.4	1.0	1.0	.8	.6	.1	.3									45	45	20	12
55/ 53		2.4	.4	1.3	.4	.7	.4	.3	.1									43	43	38	26
53/ 51	.4	2.6	1.5	1.0	1.3	.6	.8	.4										62	62	43	43
51/ 49	.4	1.5	2.4	.1	1.9	1.0	1.0											60	60	44	30
48/ 47		2.2	1.0	1.5	1.8	1.0	.4											57	57	43	27
46/ 45	.6	1.7	1.5	1.9	1.1	1.7	.7	.1										67	67	58	36
44/ 43		1.0	1.1	1.8	.7	.7												38	38	50	47
42/ 41		1.5	2.5	1.4	1.0	.1												47	47	58	24
40/ 39	.3	1.7	2.1	1.4	1.5													50	50	[illegible]	29
38/ 37		1.5	1.5	1.0	.1													30	30	68	34
36/ 35	.1	1.3	.7	1.0	.7	.1												28	28	48	40
34/ 33		1.7	.6	1.3														25	25	49	53
32/ 31		1.3	.4	.3	.1													15	15	28	72
30/ 29		.7	.4	.3														10	10	24	35
28/ 27		.8																6	6	15	32
26/ 25			.1															1	1	12	28
24/ 23		.1	.1															2	2	2	23
22/ 21			.1															1	1	1	32
20/ 19		.3																2	2	1	33
18/ 17																				3	12
16/ 15																					14
14/ 13																					3
12/ 11																					4
10/ 9																					5
TOTAL	1.9	26.4	22.1	19.3	14.2	7.6	5.0	1.8	1.0	.7									720		720
																		720		720	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3563503	48727	67.7	19.228	720							
Dry Bulb	1691120	34270	47.6	9.132	720		4.6	.5				90
Wet Bulb	1357873	30625	42.5	8.766	720		10.8					90
Dew Point	1047720	26166	36.3	11.603	720		36.6					90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81											.1	.1			.1			3	3		
80/ 79									.1	.4								4	4		
78/ 77								.1		.3	.3	.3	.1	.4				11	11		
76/ 75						.1	.1	.3	.3	.3	.3	.3	.4	.1				16	16		
74/ 73					.1		.6	.3	.6	.4	.7	.4	.1					23	23		
72/ 71					.1	.8	.6	.7	.4	.4	.6	.4						29	29		
70/ 69				.4	.3	.4	.7	.8	.1	.4	1.0	.4						33	33		
68/ 67			.1	.6	.8	.6	.3	.7	.3	.8	.4	.1						34	34		
66/ 65				1.1	.1	1.0	1.1	.7	1.3	1.1	.7	.1						52	52	2	
64/ 63			.7	.8	.7	.7	1.3	.4	.6	.8	.4							46	46	10	
62/ 61	.1		.4	.6	1.0	.8	.7	.8	1.1	1.0	.3							49	49	26	5
60/ 59			1.3	.6	1.9	1.1	1.3	1.7	1.4	.6	.1							71	71	33	5
58/ 57	.1	.6	.7	1.0	.6	1.1	1.3	.8	.4	.3								49	49	38	11
56/ 55	.1	.7	.7	.6	.7	.8	1.0	.8	.1	.1								41	41	51	30
54/ 53	.1	1.5	.8	1.3	.8	1.4	1.1	.8	.1									58	58	62	38
52/ 51		.6	.4	.6	1.4	.8	1.4	.7										42	42	73	23
50/ 49	.3	.4	.4	.3	.8	1.3	.7	.1										31	31	58	34
48/ 47		.1	.8	.4	1.0	.6	.7											26	26	67	36
46/ 45	.3	1.4	.4	.4	1.0	.7	.4											33	33	63	42
44/ 43		.8	.6	.3	.3	.3	.1											17	17	62	36
42/ 41		.6	.4	.4	.1	.1												12	12	48	45
40/ 39		.1	.6	.7	.3	.3												14	14	49	35
38/ 37		1.0	.3		.1													10	10	23	34
36/ 35		.7	.6		.1													10	10	26	46
34/ 33		.1			.1													2	2	15	45
32/ 31	.1	.1																2	2	8	59
30/ 29				.1														1	1	3	33
28/ 27																				1	37
26/ 25			.1															1	1		33
24/ 23																				1	25
22/ 21																				1	20
20/ 19																					15
18/ 17																					17
16/ 15																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
14/ 13																				2
12/ 11																				7
TOTAL	1.3	8.8	9.3	10.0	12.5	12.9	13.2	9.9	6.8	6.9	4.9	2.2	.7	.6	.1			720		720
																	720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2198094	36674	50.9	21.426	720							
Dry Bulb	2512211	41893	58.2	10.191	720		.5	19.1	7.1	.8		90
Wet Bulb	1712118	34664	48.1	7.755	720		1.8					90
Dew Point	1114626	27148	37.7	11.250	720		31.9					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1	.3			.1	4	4		
88/ 87													.4	.1	.1		.1	6	6		
86/ 85											.1	.1	.3	.3	.6		.1	11	11		
84/ 83											.7	.1	.7	.4	.3	.1		17	17		
82/ 81									.1	.6	.4	.4	.3	1.5	.4	.6	.1	32	32		
80/ 79							.1		.4	.3	.4	1.0	1.0	1.7	1.1	.1		44	44		
78/ 77								.1	.8	1.3	.4	.4	1.1	1.0		.1		38	38		
76/ 75							.1	.6	.4	1.3	1.0	.6	1.0	.7	.3			42	42		
74/ 73						.3	.7	.6	.8	.3	.1	1.4	1.0	.4				40	40		
72/ 71					.1	.6	.4	.8	.8	1.3	.7	1.4	.6					48	48		
70/ 69					.4	.4	1.1	.6	.6	1.1	1.0	.6	.3					43	43		
68/ 67				.4	.1	.8	.6	.7	1.0	.7	1.0	1.0	.1					46	46	1	
66/ 65			.3	.6	.6	.7	1.1	.8	.4	1.8	1.7	.4						60	60	10	
64/ 63		.1	.3	.3	.7	.6	.7	1.1	1.5	1.0	.4	.1						49	49	25	
62/ 61			.3	.4	1.1	.3	.8	.6	1.3	.8	.3							42	42	36	1
60/ 59		.3	.1	.4		.4	.4	.8	.7	.7	.1	.1						30	30	50	6
58/ 57		.3	.3	.4	.1	.1	.6	1.0	.8	.6								30	30	64	14
56/ 55		1.0	.4	.1	.1		1.1	.6	1.3	.1								34	34	68	16
54/ 53		.1	.1	.1	.4	.1	1.1	.7	.3									22	22	81	31
52/ 51			.4	.6	.3	.3	.8											17	17	72	30
50/ 49		.3	.4	.1	.6	.1	.3											13	13	58	36
48/ 47		.3	.6	.1	.6			.4										14	14	63	46
46/ 45		.3	.4	.1	.3			.1										9	9	53	21
44/ 43			.4	.3			.3											7	7	45	35
42/ 41		.6	.3	.1		.1												8	8	35	36
40/ 39		.7	.4		.1	.1												10	10	29	32
38/ 37		.6																4	4	16	35
36/ 35																				8	38
34/ 33																				1	37
32/ 31																				4	63
30/ 29																				1	45
28/ 27																					36
26/ 25																					33
24/ 23																					20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																					29
20/ 19																					34
18/ 17																					11
16/ 15																					10
14/ 13																					9
12/ 11																					8
10/ 9																					2
8/ 7																					2
6/ 5																					2
4/ 3																					1
2/ 1																					1
TOTAL		4.4	4.7	4.2	5.6	5.0	10.3	9.4	11.3	11.7	8.3	7.6	6.8	6.4	2.8	1.0	.6		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1316525	26913	37.4	20.782	720							
Dry Bulb	3276762	47906	66.5	11.143	720			46.4	29.3	11.5		90
Wet Bulb	1928911	36903	51.3	7.220	720		.6	.1				90
Dew Point	1035210	25896	36.0	12.016	720		38.3					90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.4			3	3		
90/ 89														.4	.6	.1	.3	10	10		
88/ 87													.1	.1	.4	.3	.1	8	8		
86/ 85													.4	1.0	.8	.4	.4	22	22		
84/ 83										.1		.4	.7	.1	1.1	1.1	1.0	33	33		
82/ 81										.6	1.0	.8	.1	1.9	1.1	.3	.7	47	47		
80/ 79								.1		.3	.8	1.0	1.5	3.1	.3	.3		53	53		
78/ 77								.1	.4	.8	1.0	.8	.6	1.3	.8	.1		43	43		
76/ 75							.3		.6	1.0	1.3	.1	1.4	.8	.7			44	44		
74/ 73						.3	.6	.6	1.0	.8		1.8	1.1	.6				48	48		
72/ 71					.3	.4	.3	.8	.3	.1	1.0	1.1	.3	.1				34	34		
70/ 69						.1	.4	.7	.7	1.3	1.3	1.5	.4	.3				48	48		
68/ 67				.4	.1	.6	.6	.6	1.0	.8	1.3	1.9	.1	.1				54	54		
66/ 65			.3			.7	.7	.7	1.0	1.3	1.0	.1						41	41	6	
64/ 63			.1	.7	.1	.1	.4	.8	1.8	1.0	1.1							45	45	18	
62/ 61		.1	.1	.6	.6	.1	.3	.6	.4	.8	.6	.1						31	31	39	
60/ 59		.7	.6	.1	.1		.3	.3	.6	.7	.6							28	28	50	8
58/ 57		.6			.3	.1	.1	.4	1.3	.6								24	24	72	5
56/ 55		.4	.1	.6	.1	.3	.3	.7	.1									19	19	85	23
54/ 53			.4		.4	.1	1.0	.4										17	17	74	17
52/ 51			.1	.3	.4	.8	.6											16	16	82	16
50/ 49		.1	.3	.1	.4	.4		.1	.1									12	12	66	24
48/ 47			.6	.3	.4	.1		.6										14	14	58	28
46/ 45		.3	.4	.1	.3		.1											9	9	53	39
44/ 43						.1	.1											2	2	29	30
42/ 41			.3															2	2	43	36
40/ 39		.6	.7															9	9	18	32
38/ 37		.3																2	2	13	23
36/ 35																				6	37
34/ 33		.1																1	1	7	36
32/ 31		.1																1	1		68
30/ 29																				1	66
28/ 27																					43
26/ 25																					33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					15
22/ 21																					31
20/ 19																					38
18/ 17																					20
16/ 15																					7
14/ 13																					17
12/ 11																					7
10/ 9																					6
8/ 7																					5
6/ 5																					3
4/ 3																					2
2/ 1																					2
0/ -1																					2
-2/ -3																					1
TOTAL		3.3	4.0	3.2	3.6	4.4	6.0	7.5	9.2	10.1	10.7	9.9	6.8	9.9	6.3	2.6	2.5	720	720	720	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1047615	23191	32.2	20.448	720							
Dry Bulb	3536265	49785	69.1	11.424	720		.1	55.9	38.9	18.9		90
Wet Bulb	1948279	37129	51.6	6.837	720		.1					90
Dew Point	924597	24249	33.7	12.251	720	.4	45.8					90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.1			1	1		
90/ 89															.1	.1		2	2		
88/ 87															.1			1	1		
86/ 85													.4	.1	.3		.1	7	7		
84/ 83											.1			.1	.4		.3	7	7		
82/ 81									.1		.6	.3	.3	.7	.3	.3	.1	19	19		
80/ 79										.3	.3	.4	.7	1.0	.3	.6		25	25		
78/ 77						.1		.1	.1	.1	.6	.3	.7	1.1	.6	.1		28	28		
76/ 75					.1	.1		.3	.4	.8	.4	.6	1.5	.7	.3			38	38		
74/ 73						.1	.1	.4	.7	.8	.7	1.7	.7	.3	.1			41	41		
72/ 71					.1	.7	.7	.7	.8	.6	.4	1.0	.8	.1				43	43		
70/ 69					.4	.3	.4	.6	.7	1.1	1.5	1.1	.1	.3				47	47		
68/ 67				.3	.1	.3	.6	1.0	1.3	.6	.4	1.1	.1					41	41	2	
66/ 65			.4	.3	.6	1.0	.4	.7	1.1	1.4	1.9	.4	.1					60	60	3	
64/ 63			.3	.3	.7	.4	.6	.7	1.4	1.7	1.0							50	50	8	1
62/ 61			.1	.7	1.3	.3	1.3	1.0	.8	.4	.8	.1						49	49	26	2
60/ 59		.7	.8	.6	.4	.4	.8	1.0	.6	.8	.3							46	46	32	6
58/ 57		.8	.4	.1	.4	.3	.6	.6	1.0	.6								34	34	49	7
56/ 55		.7	.3		.7	.3	1.1	.7	1.1	.4								38	38	70	18
54/ 53		.4	.3		.4	.6	.4	.6										19	19	73	23
52/ 51		.1	.1	.6	.4	.7	.4	.8	.1									24	24	73	25
50/ 49		.6	1.0	.1	.6	.6	.3	.3	.1									25	25	63	32
48/ 47		.1	.1	.7	.6	.1	.7											17	17	79	21
46/ 45			.3	.4	.8	.1												12	12	60	32
44/ 43		.4		.3	.3	.1	.1											9	9	42	32
42/ 41		.1	.3	.7		.4												11	11	45	34
40/ 39		.7	.7	.1		.1												12	12	33	23
38/ 37		.4	.4	.1		.1												8	8	23	36
36/ 35		.1																1	1	22	42
34/ 33			.1															1	1	8	39
32/ 31		.3																2	2	3	49
30/ 29		.3																2	2	3	57
28/ 27																				3	49
26/ 25																					34

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 74-81 (YEARS) APR (MONTH)

 1800-2000 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
24/ 23																					14
22/ 21																					26
20/ 19																					33
18/ 17																					31
16/ 15																					15
14/ 13																					8
12/ 11																					10
10/ 9																					8
8/ 7																					3
6/ 5																					3
4/ 3																					4
2/ 1																					2
-6/ -7																					1
TOTAL		5.8	5.7	5.3	7.9	7.2	8.5	9.3	10.4	9.6	9.0	6.9	5.6	4.4	2.6	1.1	.6		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1447342	28052	39.0	22.202	720							
Dry Bulb	3004228	45790	63.6	11.319	720		.5	37.5	21.1	5.9		90
Wet Bulb	1787615	35483	49.3	7.360	720		1.1	.3				90
Dew Point	942864	24430	33.9	12.589	720	.1	43.4					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1		.3	.3	.1						6	6		
74/ 73					.1	.1	.1	.7				.1						9	9		
72/ 71						.7	.8	.3	.1	.1		.4	.1					19	19		
70/ 69					.3	.3	.4	.4	.1	.3	.1	.1						15	15		
68/ 67				.1	.3	.4	.6	.7	1.0	.6	.3		.1					29	29		
66/ 65			.6	.3	1.0	.6	1.1	.8	.7	.3	.3	.1						41	41	1	
64/ 63			.3	.7	.3	.4	1.3	1.0	1.1	.8	.3	.1						45	45	2	
62/ 61		.4	.8	.8	.3	.8	.6	.8	.6	1.3	.3							48	48	17	3
60/ 59		1.3	1.1	.7	1.0	1.1	.7	1.7	.8	1.4	.1							71	71	25	5
58/ 57		.7	1.1	1.3	1.1	.6	.8	.8	1.3	.3								57	57	35	8
56/ 55		1.4	.3	.6	.8	.7	1.1	.7	1.9	.8								60	60	34	28
54/ 53		1.3	.7	.4	1.0	1.5	1.4	.4	.7	.1								54	54	59	26
52/ 51	.1	.3	.4	1.3	.1	1.1	1.5	1.0	.1									43	43	55	41
50/ 49	.1		.8	.4	.8	.7	1.5	.3										34	34	46	21
48/ 47	.3	.3	.8	.6	1.3	.4	1.4											36	36	46	22
46/ 45		1.7	.8	1.1	.6	.7												35	35	62	34
44/ 43		.7	1.0	.7	.4	1.0	.1											28	28	71	40
42/ 41		1.1	.8	.6		.4												21	21	66	30
40/ 39		.7	1.0	.6	.8	.1												23	23	57	38
38/ 37		1.0	1.8		.3													22	22	55	36
36/ 35		.4	.4	.4	.3													11	11	34	45
34/ 33		.1	.3															3	3	27	37
32/ 31		.1		.1														2	2	9	54
30/ 29		.4		.1														4	4	9	39
28/ 27		.1		.1														2	2	5	38
26/ 25		.3																2	2	3	32
24/ 23																				1	13
22/ 21																				1	25
20/ 19																					43
18/ 17																					22
16/ 15																					17
14/ 13																					6
12/ 11																					7
10/ 9																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
5/ 7																					4
TOTAL	.6	12.2	13.1	10.8	10.7	11.7	13.5	9.7	8.5	6.3	1.7	1.1	.3						720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2357602	38020	52.8	22.061	720							
Dry Bulb	2235339	39491	54.8	9.818	720		1.3	9.8	1.9			90
Wet Bulb	1558424	32986	45.8	8.103	720		3.5					90
Dew Point	1016622	25592	35.5	12.197	720		38.3					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.1			4	4		
90/ 89													.0	.1	.1	.0	.1	16	16		
88/ 87													.1	.0	.1	.0	.0	15	15		
86/ 85											.0	.0	.1	.2	.2	.1	.1	40	40		
84/ 83										.0	.1	.1	.2	.1	.2	.2	.2	57	57		
82/ 81									.0	.1	.3	.2	.1	.5	.2	.1	.1	101	101		
80/ 79							.0	.0	.1	.2	.2	.3	.4	.7	.2	.1		126	126		
78/ 77						.0		.1	.2	.3	.3	.2	.3	.5	.2	.1		120	120		
76/ 75					.0	.0	.1	.2	.2	.5	.4	.2	.5	.3	.2			147	147		
74/ 73					.0	.1	.3	.3	.4	.3	.2	.7	.4	.2	.0			162	162		
72/ 71					.1	.4	.4	.4	.3	.3	.3	.5	.2	.0				177	177		
70/ 69				.1	.3	.3	.4	.4	.3	.5	.6	.5	.1	.1				203	203		
68/ 67			.0	.3	.3	.4	.3	.5	.6	.5	.4	.5	.1	.0				220	220	3	
66/ 65			.3	.4	.4	.5	.7	.6	.6	.7	.7	.2	.0					297	297	22	
64/ 63		.1	.3	.5	.5	.5	.7	.5	.9	.7	.5	.1						292	292	68	1
62/ 61	.0	.4	.7	.7	.7	.4	.6	.5	.5	.6	.3	.0						320	320	179	16
60/ 59	.0	.6	.9	.5	.7	.6	.6	.9	.6	.7	.2	.0						357	357	237	51
58/ 57	.0	.6	.8	.7	.7	.5	.6	.7	.7	.3								325	325	319	85
56/ 55	.0	1.2	.6	.6	.5	.7	.8	.5	.8	.2								346	346	396	168
54/ 53	.0	1.1	.6	.5	.6	.8	.9	.5	.2	.0								303	303	455	212
52/ 51	.1	.9	.7	.8	.8	.8	1.0	.6	.2									341	341	498	256
50/ 49	.1	.7	.9	.4	.9	.8	.7	.2	.1									272	272	410	229
48/ 47	.1	.6	.7	.7	.9	.5	.6	.1										243	243	440	226
46/ 45	.2	1.0	.7	1.0	.8	.7	.2	.1										272	272	452	264
44/ 43	.0	.7	.7	.8	.5	.5	.1											188	188	409	264
42/ 41		1.0	1.0	.9	.3	.3												198	198	408	279
40/ 39	.1	1.0	1.1	.7	.5	.2	.0											208	208	386	258
38/ 37		.8	.8	.2	.3	.0												125	125	335	264
36/ 35	.0	.6	.5	.3	.3	.1												101	101	275	355
34/ 33		.7	.2	.2	.1													71	71	167	323
32/ 31	.0	.6	.2	.1	.0													50	50	103	470
30/ 29		.3	.1	.1														30	30	96	354
28/ 27		.2		.0	.0													12	12	52	335
26/ 25		.1	.1															9	9	23	265

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | APR MONTH

 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Poi
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
24/ 23		.1	.1															6	6	6	132
22/ 21		.0	.0															3	3	7	212
20/ 19		.1																3	3	5	255
18/ 17																				5	162
16/ 15																					106
14/ 13																					62
12/ 11																					51
10/ 9																					38
8/ 7																					19
6/ 5																					10
4/ 3																					7
2/ 1																					1
0/ -1																					4
-2/ -3																					1
-4/ -7																					1
TOTAL	.7	13.2	12.0	10.7	10.1	9.0	9.0	7.2	6.5	6.0	4.5	3.5	2.5	2.7	1.5	.6	.5	5760	5760	5760	5760

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18283369	292299	50.7	24.477	5760							
Dry Bulb	19875610	330004	57.3	12.971	5760		14.1	173.5	98.5	37.0		72
Wet Bulb	13069628	269768	46.8	8.692	5760		37.4	.4				72
Dew Point	8110165	204655	35.5	12.068	5760	.5	311.1					72

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — YEARS
MAY — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 87 / 81											•1							1	1		
80 / 79										•1								1	1		
78 / 77								•1	•1									2	2		
76 / 75								•3	•3					•1				5	5		
74 / 73					•8		•1		•1									8	8		
72 / 71			•4	•5	•3	•9	•1		•1	•1			•3	•1				22	22		
70 / 69		•4		•5	•8	•5	•1	•1			•1							20	20	2	
68 / 67		•5	1.3	•7	•1	•5	•1	•5	•1	•3	•1							33	33	7	3
66 / 65		•9	1.5	•8	•4	•9	•3	•1	•1	•3			•1					41	41	17	7
64 / 63		•5	1.6	1.6	•9	•5	•3	•1	•5	•1								47	47	28	18
62 / 61		1.9	1.2	•9	1.2	1.1	•3	1.1		•1		•1						59	59	39	15
60 / 59		3.8	3.4	1.6	•5	•9	•8	•9	•3			•1						92	92	45	25
58 / 57		4.0	2.2	1.7	•8	•8	•8	•7	•1									83	83	60	56
56 / 55	•1	3.1	3.6	1.7	1.5	•9		•4										85	85	81	54
54 / 53	•4	2.3	1.2	•7	•9	•7	•4	•5										53	53	70	71
52 / 51		2.0	2.0	•8	•7		•4	•1										45	45	74	52
50 / 49		2.2	1.7	•8	•7	•3	•3	•3										46	46	63	55
48 / 47		1.6	•9	•5	•1	•1												25	25	81	54
46 / 45		•8	1.2	•8	•5	•3												27	27	45	50
44 / 43			1.2	•7	•1	•3												17	17	33	47
42 / 41		•4	•8	•4														12	12	27	24
40 / 39	•3	•4	•5															9	9	27	37
38 / 37			•3															2	2	25	20
36 / 35	•4																	3	3	11	34
34 / 33	•4	•4																6	6	9	33
32 / 31																					29
30 / 29																					17
28 / 27																					12
26 / 25																					4
24 / 23																					10
22 / 21																					5
20 / 19																					3
18 / 15																					5
12 / 11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 3																					1
2/ 1																					1
-2/ -3																					1
TOTAL	1.6	25.3	25.1	14.9	10.5	8.9	4.0	5.4	1.9	1.1	.4	.3	.4	.3					744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3937965	52091	70.0	19.784	744							
Dry Bulb	2483269	42563	57.2	8.064	744			11.5	2.1	.1		93
Wet Bulb	2020109	38357	51.6	7.573	744			1.1				93
Dew Point	1676709	34381	46.2	10.878	744	.1	11.1	.4				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1										1	1		
74/ 73			.1				.1	.1										3	3		
72/ 71		.1				.3		.1										4	4		
70/ 69		.1	.4	.3	.3		.1	.1										10	10	2	1
68/ 67		.1	2.0	.4	.1	.4		.1				.1						25	25	1	2
66/ 65		.7	2.0	.4	.4	.1	.9			.1	.3	.1						38	38	6	1
64/ 63	.1	1.2	1.2	1.5	.1	.1			.3	.4								37	37	28	12
62/ 61		3.0	1.7	1.7	.5	.5		.4	.5	.1	.1							65	65	34	25
60/ 59	.4	3.6	2.4	.5	.9	.8	.3	.4	.1									71	71	42	39
58/ 57	.1	5.1	2.0	.9	.8	.4	.7	.3	.1									78	78	72	36
56/ 55	.3	3.5	3.2	1.1	.8	.7	.8	.3		.1								80	80	65	61
54/ 53	.4	4.7	1.5	1.1	.4	.9	.4	.1	.3									73	73	69	58
52/ 51	.3	2.7	2.0	1.6	.1	.5	.4	.1										58	58	77	61
50/ 49	.3	2.6	2.8	.7	.1	.7	.5											57	57	49	59
48/ 47		.9	1.9	1.1	.1	.3	.1											33	33	59	39
46/ 45	.7	1.3	1.7	.8	.5	.3												40	40	70	52
44/ 43		1.2	1.1	1.1	.4													28	28	43	54
42/ 41		.1	.4	.3		.4												9	9	41	34
40/ 39	.3	.4	.8	.1	.1													13	13	23	32
38/ 37		.9	.3															9	9	27	24
36/ 35		.3	.1															3	3	19	21
34/ 33	.8	.4																9	9	9	34
32/ 31																				8	30
30/ 29																					20
28/ 27																					11
26/ 25																					5
24/ 23																					11
22/ 21																					6
20/ 19																					4
18/ 17																					1
16/ 15																					4
14/ 13																					2
12/ 11																					1
8/ 7																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
4/ 3																					1
TOTAL	3.6	33.1	27.8	13.6	5.9	6.5	4.4	2.3	1.3	.8	.4	.3							744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4391331	55381	74.4	19.026	744			5.4	.5			93
Dry Bulb	2293232	40902	55.0	7.749	744		1.0	.4				93
Wet Bulb	1935989	37509	50.4	7.779	744		12.1	.4				93
Dew Point	1659874	34202	46.0	10.858	744							

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
78/ 77									.1									1	1		
76/ 75								.1										1	1		
74/ 73							.1											1	1		
72/ 71					.1	.3	.3		.1			.3						8	8		
70/ 69			.8	.4	.3		.1	.3		.1		.1						16	16		
68/ 67		.4	1.6	.3	.4	.4	.1	.4	.3	.4		.1						33	33	1	
66/ 65		.9	1.7	.9	.5	.4	.4	.1	.4		.1							42	42	10	2
64/ 63		.8	2.0	1.3	.5	1.1	.1	.4	.3		.1							50	50	28	9
62/ 61		2.3	2.0	2.6	1.1	.5	.7	.3	.4	.1								74	74	36	33
60/ 59	.7	3.9	3.2	1.1	1.5	.3	.5	.4	.4									89	89	55	39
58/ 57	.4	3.6	2.3	1.3	.8	.9	.4	.4	.3									78	78	64	42
56/ 55	.3	2.8	2.3	.9	.9	.4	.8		.3									65	65	77	64
54/ 53	.3	4.3	1.2	1.1	.8	1.1	.5		.1									70	70	75	54
52/ 51	.3	2.0	1.9	1.5	.5	.5	.1											51	51	76	68
50/ 49	.1	2.0	1.5	1.1	.8	.5	.3	.3										49	49	62	45
48/ 47	.5	1.2	1.1	.9	.8		.1											35	35	60	56
46/ 45	.4	.9	1.2	.8	.3													27	27	52	54
44/ 43		.9	.9	.3	.1	.3												19	19	45	36
42/ 41		.1	.7	.4		.1												10	10	36	34
40/ 39		.8	.4	.1														10	10	28	35
38/ 37		.3	.3		.1													5	5	16	27
36/ 35		.3																2	2	7	36
34/ 33	.5	.4																7	7	11	26
32/ 31	.1																	1	1	4	29
30/ 29																				1	18
28/ 27																					11
26/ 25																					7
24/ 23																					2
22/ 21																					5
20/ 19																					2
18/ 17																					3
16/ 15																					6
12/ 11																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.6	28.1	25.1	15.1	9.7	6.9	4.7	2.7	2.7	.7	.3	.5						744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4182014	53882	72.4	19.405	744							
Dry Bulb	2400194	41874	56.3	7.645	744		.1	7.5	.4			93
Wet Bulb	1991618	38096	51.2	7.423	744		.6	.1				93
Dew Point	1683313	34535	46.4	10.394	744		10.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1					1	1		
88/ 87												.3					.1	3	3		
86/ 85											.3			.1	.3	.1		6	6		
84/ 83											.1	.4		.4				7	7		
82/ 81								.1	.1	.7	.3		.4	.1				13	13		
80/ 79						.1	.1	.3	.3		.1	.1	1.1	.1	.1			18	18		
78/ 77						.9	.5	.9	.8	.3		.3	.4	.4				34	34		
76/ 75					.3	.9	.8	.8	.4	.7	.7	.7	.4		.1			43	43		
74/ 73				.1	2.0	.9	.4	.9	.9	.4	.5	.4	.1					51	51		
72/ 71				1.2	.9	1.5	1.3	.5	1.2	1.2	.1	.1						61	61		
70/ 69		.1	.3	.7	1.2	1.1	.9	.4	1.7	.5	.1	.1						54	54	4	
68/ 67			1.1	.7	1.5	1.6	.9	.8	.7	.3	.1	.1						58	58	19	1
66/ 65			1.2	1.5	1.7	1.2	1.7	.5	.4	.3	.4	.1						68	68	51	5
64/ 63	.1	.4	1.3	1.2	1.6	.9	.4	.5	.5	.3	.5							59	59	44	22
62/ 61	.3	2.0	.9	1.3	1.1	.7	1.1	.8	.4	.3								66	66	70	37
60/ 59		1.1	.9	1.5	1.3	1.1	.8	.3	.1	.1								54	54	81	40
58/ 57	.1	1.1	.9	.1	.9	.3	.9	.3	.1									36	36	82	45
56/ 55	.1	1.5	.5	.7	.9	.5	.5		.1									37	37	81	58
54/ 53		.8	.7	.4	.4	.3												19	19	97	67
52/ 51		.4	.7	.4	.4	.5	.4											21	21	55	54
50/ 49		.3	.1	.4	.5	.3												12	12	41	39
48/ 47			.3	.4	.3													7	7	37	57
46/ 45			.1	.3	.4													6	6	28	39
44/ 43		.3																2	2	20	38
42/ 41		.1	.1															2	2	16	40
40/ 39	.1		.1															2	2	11	24
38/ 37	.1																	1	1	4	34
36/ 35	.4																	3	3	3	47
34/ 33																					26
32/ 31																					18
30/ 29																					13
28/ 27																					15
26/ 25																					4
24/ 23																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
22/ 21																					5
20/ 19																					4
18/ 17																					1
16/ 15																					4
10/ 9																					1
TOTAL	1.3	8.1	9.4	10.9	15.6	12.9	11.0	7.3	7.9	5.0	3.4	2.7	2.6	1.2	.5	.1	.1		744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2614931	41213	55.4	21.138	744			43.6	22.0	4.9		93
Dry Bulb	3274020	48898	65.7	9.008	744			2.9				93
Wet Bulb	2331603	41339	55.6	6.832	744		8.9	.1				93
Dew Point	1732933	35023	47.1	10.649	744							93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 74-81 (YEARS) | MAY (MONTH)

1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1		
96/ 95																.1	.1	2	2		
94/ 93																.3	.8	8	8		
92/ 91												.1	.3	.1	.3	.1	.5	11	11		
90/ 89												.1	.3	.8	.5	.1	.8	20	20		
88/ 87										.3	.3	.4	.1	.4		.7	.5	20	20		
86/ 85										.5	.9	.4	.3	.7	.5	.4	.3	30	30		
84/ 83								.5	.7	.5	.5	.8	.9	.7	.5	.1	.1	41	41		
82/ 81							.5	.7	1.1	.7	.4	.5	.8	1.9	.1		.3	52	52		
80/ 79					.3		.3	.8	.9	1.1	.7	.8	1.3	.4				49	49		
78/ 77					.3	.9	.9	1.2	.8	.9	.7	.5	.3	.1		.1		51	51		
76/ 75					.7	.5	.9	2.3	.7	.7	1.1	.7	.1		.1	.1		59	59		
74/ 73					1.1	.5	.7	1.3	1.1	.7	.5	.3	.1	.3				49	49		
72/ 71				.9	.4	1.6	2.3	1.3	.8	.7	.4	.1	.3					66	66	4	
70/ 69			.1	.4	.7	.9	.5	1.2	.8	.9	.3			.1	.1			46	46	13	
68/ 67			.1	.3	.4	.8	1.1	.5	.8	.7	.4		.1	.1				40	40	43	2
66/ 65		.3	.8	.1	.5	.9	.7	.3	.5	.5	.3	.3						39	39	68	6
64/ 63			1.2	.7	.7	.8	.5	.8	.5	.3								41	41	55	.3
62/ 61		.5	1.1	.7	.5	.8	.5	.7		.1								37	37	86	.5
60/ 59		.7	.3	.1	.1	.3	.8	.5										21	21	88	37
58/ 57	.1	.9	.4	.4	.5	.3	.8	.1										27	27	112	36
56/ 55		.1		.5	.1	.1	.1											8	8	78	67
54/ 53		.5	.4	.1	.1	.1	.5											14	14	53	61
52/ 51				.1	.1	.1												3	3	42	52
50/ 49																				34	42
48/ 47																				31	44
46/ 45																				15	37
44/ 43																				10	42
42/ 41																				3	36
40/ 39		.1																1	1		25
38/ 37	.5	.4																7	7	8	44
36/ 35	.1																	1	1	1	37
34/ 33																					36
32/ 31																					31

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
30/ 29																					11
28/ 27																					6
26/ 25																					9
24/ 23																					7
22/ 21																					3
20/ 19																					8
18/ 17																					1
16/ 15																					2
14/ 13																					2
12/ 11																					4
10/ 9																					1
8/ 7																					1
4/ 3																					2
2/ 1																					3
-16/-17																					1
TOTAL	.8	3.6	4.4	4.4	6.6	8.9	11.3	12.4	8.7	8.6	6.5	5.1	5.0	5.6	2.3	2.2	3.6		744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1720032	32160	43.2	21.071	744							
Dry Bulb	4035210	54260	72.9	10.247	744			68.1	49.1	26.4	1.4	93
Wet Bulb	2523507	43061	57.9	6.484	744			7.5				93
Dew Point	1659753	34001	45.7	11.939	744	.1	11.5	.3				93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.7	5	5		
96/ 95																.1	.5	5	5		
94/ 93															.1	.4	1.2	13	13		
92/ 91													.1	.4	.3	.8	1.1	20	20		
90/ 89											.1	.5	.4		.5	.3	1.5	25	25		
88/ 87											.7	.7	.5	.3	1.1	1.2	.8	39	39		
86/ 85										.1	.3	1.1	.9	.7	2.0	.1	.7	44	44		
84/ 83								.4	.4		.3	.3	1.2	1.6	.7		.7	41	41		
82/ 81								1.2	.3	.8	.7		.8	1.6		.1		41	41		
80/ 79					.1	.1	.8	.9	1.3	.8	1.3	.5	.8	1.2		.7		65	65		
78/ 77					.1	.8	.8	.7	.9	1.3	.3	1.1	1.6	.3				59	59		
76/ 75					.8	.5	.7	.7	.9	1.1	.4	.4	.5	.3	.1			48	48		
74/ 73				.3	.7	.9	1.6	2.3	1.2	.4	.4	.1	.1					60	60		
72/ 71				.4	.4	.4	1.3	.9	.9	1.1	.7	.8		.1	.1			54	54	1	
70/ 69				.1	1.2	.4	.4	.4	.7	.5	.4	.3		.1				34	34	11	
68/ 67				.4	.7	.9	.1	.9	.8	.4	.4	.4		.1				39	39	45	1
66/ 65		.1	.5	.3	.7	.5	.4	.5	.7	.3								30	30	48	4
64/ 63		.4	1.2	.5	.3	.3		.7	.8									31	31	75	13
62/ 61		.9	.3	.3	.3	.8	.5	.8	.3									31	31	69	26
60/ 59		.4	.4	.1	.5	.1	.1	.3										15	15	115	32
58/ 57		.5	.4	.4	.7		.1	.7										21	21	119	53
56/ 55		.4	.3	.1		.3												8	8	68	33
54/ 53		.4	.5															7	7	59	58
52/ 51																				56	41
50/ 49																				34	42
48/ 47																				22	47
46/ 45																				7	41
44/ 43																				6	35
42/ 41																					36
40/ 39		.3																2	2		38
38/ 37	.1	.4																4	4	3	27
36/ 35		.4																3	3	4	40
34/ 33																				2	42
32/ 31																					45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
30/ 29																					16
28/ 27																					13
26/ 25																					8
24/ 23																					4
22/ 21																					8
20/ 19																					4
18/ 17																					5
16/ 15																					4
14/ 13																					5
12/ 11																					5
10/ 9																					4
8/ 7																					4
6/ 5																					3
4/ 3																					1
2/ 1																					1
-10/-11																					1
-18/-19																					1
TOTAL	.1	4.3	3.6	3.0	6.5	6.2	7.0	11.4	9.3	6.9	5.9	6.2	7.1	6.7	5.0	3.8	7.1		744		744
																		744		744	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1481282	28872	38.8	22.038	744							
Dry Bulb	4284760	55916	75.2	10.527	744			74.0	58.1	34.0	2.9	93
Wet Bulb	2528270	43138	58.0	6.037	744			7.1				93
Dew Point	1541579	32469	43.6	12.950	744	.3	16.9	.1				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1		
94/ 93																.1	.5	5	5		
92/ 91														.1	.1		.5	6	6		
90/ 89															.4	.1	.3	6	6		
88/ 87										.1		.4		.3	.7	.4	.7	19	19		
86/ 85										.1		.4	.3	.7	.5	.7	.3	22	22		
84/ 83								.1	.3	.1	.4	.5	.5	.5	1.1		.5	31	31		
82/ 81								.1		.5	.3	.7	.9	.4	.4	.1	.3	28	28		
80/ 79						.1	.4	.7	.7	.4	.4	.8	.8	1.3	.3	.1		45	45		
78/ 77						.4	.5	.5	.5	1.5	1.1	.4	.5	.3	.5	.1		48	48		
76/ 75				.3	.3	.5	.9	.7	.5	.7	.5	.8	.7	.3	.1			47	47		
74/ 73				.4	1.1	.7	.4	.7	1.2	.4	1.2	.8	.3	.1				54	54		
72/ 71			.1	.9	.5	.9	1.6	1.5	1.3	.9	.4		.5					66	66	1	
70/ 69				1.1	.7	1.5	1.2	1.6	1.1	.8	.9	.4						69	69	5	
68/ 67		.1	.3	.4	.8	.7	.9	.5	.4	.5	.5	.3						41	41	25	2
66/ 65			.7	1.2	.8	1.2	.9	.4	.9	.4	.1	.1						51	51	37	7
64/ 63			.7	.9	.8	.5	.5	.5	.7	.1								36	36	50	17
62/ 61		1.6	.8	1.1	.3	.9	.4	.7	.3	.5	.1							50	50	61	12
60/ 59		1.1	1.1	.1	.3	.4	.7	.7	.3									34	34	96	34
58/ 57		.8	.3	.4	.7	.4	.4											22	22	104	51
56/ 55		1.2	.1	.4		.4	.4	.1										20	20	92	35
54/ 53		.8	.7	.1	.1	.1		.1										15	15	89	59
52/ 51		.8	.3	.3	.1	.1												12	12	55	43
50/ 49					.1		.1											2	2	50	48
48/ 47		.1		.1														2	2	32	52
46/ 45																				22	33
44/ 43																				6	46
42/ 41																				6	33
40/ 39		.4																3	3	1	28
38/ 37																				3	31
36/ 35	.4	.4																6	6	3	37
34/ 33																				3	31
32/ 31																					48
30/ 29																					20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Po
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
28/ 27																					1
26/ 25																					
24/ 23																					1
22/ 21																					
20/ 19																					
18/ 17																					1
16/ 15																					
14/ 13																					
12/ 9																					
8/ 7																					
4/ 3																					
TOTAL	.4	7.4	5.0	7.8	6.6	9.0	9.6	9.0	8.2	7.3	6.1	5.7	4.6	4.0	4.2	1.8	3.2		741	741	74
																			741	741	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1931157	33523	45.2	23.669	741							
Dry Bulb	3756121	52221	70.5	10.129	741			61.2	39.2	17.9	.8	9
Wet Bulb	2375444	41704	56.3	6.186	741			3.9				9
Dew Point	1547914	32618	44.0	12.308	741		17.8	.3				9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.1		.1						2	2		
80/ 79							.1	.1		.1	.3				.1			6	6		
78/ 77					.1		.3		.1	.7			.1	.3	.4			15	15		
76/ 75					.3	.7	.1	.9	.3	.1	.3	.3	.1	.1				24	24		
74/ 73			.1	.3	.7	.3	.4	.1	.5	.4	.4	.4	.5					31	31		
72/ 71				.3	.4	.7	.5	.5	.4	.1		.3		.1				25	25		
70/ 69		.3	.7	1.5	.7	.5	.5	.4	.7	.4	.4	.4						48	48	2	
68/ 67			1.5	.7	.7	.9	.4	.9	.3	.8	.4	.4	.3					54	54	9	2
66/ 65		.3	1.2	.5	1.1	1.3	1.2	.1	1.5	.4	.7	.1						63	63	26	7
64/ 63		.3	1.6	1.6	1.8	.4	1.1	.9	.7	.1	.1							64	64	31	12
62/ 61		1.1	1.8	2.7	1.5	1.2	.7	1.1	.7									79	79	46	17
60/ 59		2.6	.9	3.0	1.5	.7	.8	.3	.1	.3								75	75	54	39
58/ 57	.1	2.7	2.2	1.1	.9	.7	.3	.5	.2									64	64	79	49
56/ 55	.3	1.3	1.9	.7	.9	.1	.5	.3	.1									46	46	85	46
54/ 53	.1	2.0	.5	1.2	.3	1.3	.8	.1										48	48	87	54
52/ 51		1.2	.8	.3	.8	.1	.3	.3										28	28	71	75
50/ 49	.1	1.6	.5	.1	.5	.4		.1										26	26	76	60
48/ 47		.4	.7	.7	.5	.1	.1											19	19	55	54
46/ 45		.3		.7	.1													8	8	34	36
44/ 43		.1	.3	.3														5	5	35	38
42/ 41		.1	.1															2	2	20	31
40/ 39																				15	26
38/ 37		.1																1	1	6	21
36/ 35	.1	.4																4	4	4	43
34/ 33	.4	.1																4	4	6	27
32/ 31																					33
30/ 29																					17
28/ 27																					7
26/ 25																					9
24/ 23																					7
22/ 21																					15
20/ 19																					4
18/ 17																					6
14/ 13																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					1
8/ 7																					1
TOTAL	1.2	15.0	14.8	15.5	12.8	9.6	8.2	6.9	5.5	3.6	2.6	2.0	1.1	.5	.5		741	741	741	741	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3114571	45121	60.9	22.272	741			25.7	9.8	.5		93
Dry Bulb	2858786	45612	61.6	8.314	741			1.4				93
Wet Bulb	2138717	39479	53.3	6.912	741							
Dew Point	1643406	33896	45.7	11.203	741		13.1	.3				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	7	7		
96/ 95																.0	.1	7	7		
94/ 93															.0	.1	.3	26	26		
92/ 91												.0	.1	.1	.1	.1	.3	37	37		
90/ 89											.0	.1	.1	.1	.2	.1	.3	52	52		
88/ 87										.1	.1	.2	.1	.1	.2	.3	.3	81	81		
86/ 85										.1	.2	.2	.2	.3	.4	.2	.2	102	102		
84/ 83								.1	.2	.1	.2	.3	.3	.4	.3	.0	.2	120	120		
82/ 81							.1	.3	.2	.4	.2	.2	.4	.5	.1	.0	.1	137	137		
80/ 79					.1	.1	.2	.4	.4	.3	.4	.3	.5	.4	.1	.1		184	184		
78/ 77					.1	.4	.4	.4	.4	.6	.3	.3	.4	.2	.1	.0		210	210		
76/ 75				.0	.3	.4	.4	.7	.4	.4	.4	.4	.2	.1	.1	.0		228	228		
74/ 73			.0	.1	.8	.4	.5	.7	.6	.3	.4	.3	.2	.1				257	257		
72/ 71		.0	.1	.5	.4	.8	.9	.6	.6	.5	.2	.2	.1	.1	.0			306	306	6	
70/ 69		.1	.3	.6	.7	.6	.5	.6	.6	.4	.3	.2		.0	.0			297	297	39	1
68/ 67		.2	1.0	.5	.6	.8	.5	.6	.4	.4	.3	.2	.1	.0				323	323	150	13
66/ 65		.4	1.2	.7	.8	.8	.8	.3	.6	.3	.2	.1	.0					372	372	263	39
64/ 63	.0	.5	1.4	1.2	.8	.6	.4	.5	.5	.2	.1							365	365	339	126
62/ 61	.0	1.7	1.2	1.4	.8	.8	.5	.7	.3	.2	.0	.0						461	461	441	190
60/ 59	.1	2.1	1.6	1.0	.8	.6	.6	.5	.2	.1		.0						451	451	576	285
58/ 57	.1	2.4	1.3	.8	.8	.5	.6	.4	.1									409	409	692	370
56/ 55	.1	1.7	1.5	.8	.7	.4	.4	.1	.1	.0								349	349	627	418
54/ 53	.2	2.0	.8	.6	.4	.6	.3	.1	.1									299	299	599	482
52/ 51	.1	1.1	1.0	.6	.4	.3	.2	.1										218	218	506	446
50/ 49	.1	1.1	.8	.4	.4	.3	.2	.1										192	192	409	390
48/ 47	.1	.5	.6	.5	.2	.1	.1											121	121	377	403
46/ 45	.1	.4	.5	.4	.2	.1												108	108	273	342
44/ 43		.3	.4	.3	.1	.1												71	71	198	336
42/ 41		.1	.3	.1		.1												35	35	149	268
40/ 39	.1	.3	.2	.0	.0													40	40	105	245
38/ 37	.1	.3	.1		.0													29	29	92	228
36/ 35	.2	.2	.0															25	25	52	295
34/ 33	.3	.2																26	26	40	255
32/ 31	.0																	1	1	12	263

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 74-81 YEARS | MAY MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29																				1	132
28/ 27																					89
26/ 25																					55
24/ 23																					57
22/ 21																					53
20/ 19																					35
18/ 17																					30
16/ 15																					29
14/ 13																					21
12/ 11																					13
10/ 9																					8
8/ 7																					11
6/ 5																					3
4/ 3																					6
2/ 1																					5
-2/ -3																					1
-10/-11																					1
-16/-17																					1
-18/-19																					1
TOTAL	1.6	15.6	14.4	10.6	9.3	8.6	7.5	7.2	5.7	4.2	3.2	2.8	2.6	2.3	1.6	1.0	1.8		5946		5946
																		5946		5946	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23373283	342243	57.6	24.861	5946							
Dry Bulb	25385592	382246	64.3	11.690	5946		.1	297.0	181.2	83.8	5.0	744
Wet Bulb	17845257	322683	54.3	7.491	5946		1.6	24.4				744
Dew Point	13145481	271125	45.6	11.475	5946	.5	101.9	1.8				744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87													.1					1	1		
86/ 85											.1							1	1		
84/ 83										.4	.3	.1		.1				7	7		
82/ 81									.8	.4	.1	.1	.1	.1				13	13		
80/ 79							.3	.6	1.5	1.0	.8	.1	.3					33	33		
78/ 77						.1	1.4	1.0	1.4	.6	.4							35	35		
76/ 75					.4	1.3	1.8	1.0	.6	.4	.3	.1						42	42		
74/ 73				.3	1.3	2.4	1.1	.7	.4	1.1		.1						53	53		
72/ 71			.3	1.3	2.5	2.5	.8	.3	.7	.6	.1							65	65		
70/ 69		.1	1.4	3.6	1.0	1.9	1.1	.7	.3									73	73	1	1
68/ 67		.4	4.6	1.8	2.4	1.4	1.3	.4	.7									93	93	17	
66/ 65		.7	2.9	1.1	1.3	1.7	1.7	.4	.3									72	72	95	10
64/ 63		1.0	1.9	1.3	.8	.4	.4	.4										45	45	123	39
62/ 61		3.2	1.9	1.4	.6	1.0												58	58	108	60
60/ 59	.1	3.2	1.4	1.0	.4	.3	.3	.1										49	49	95	106
58/ 57		2.2	1.1	.7	.1	.1	.8											37	37	89	75
56/ 55		.7	1.0	.3	.1		.1											16	16	72	100
54/ 53		1.4	.6	.3	.3	.3												20	20	51	77
52/ 51		.1																1	1	36	51
50/ 49		.7																5	5	12	48
48/ 47		.1																1	1	12	33
46/ 45																				7	28
44/ 43																				2	37
42/ 41																					13
40/ 39																					12
38/ 37																					9
36/ 35																					10
34/ 33																					8
32/ 31																					3
TOTAL	.1	13.9	17.1	12.9	11.1	13.3	11.1	5.6	6.7	4.4	2.2	.7	.6	.3					720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3217851	46100	64.0	19.199	720							
Dry Bulb	3333200	4871	67.7	7.202	720			52.0	23.1	4.3		90
Wet Bulb	2562100	42806	59.5	4.886	720			2.3				90
Dew Point	2115423	38687	53.7	7.144	720		.4	.1				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 82/ 81											.1							1	1		
80/ 79									.1				.1					2	2		
78/ 77							.1	.4	.1	.3		.1						8	8		
76/ 75					.3	.4	2.4	1.4		.3	.3	.1						37	37		
74/ 73				.1	.8	.8	1.1	.6	.1	.4								29	29		
72/ 71				.6	1.5	1.4	1.3	.4	.7	.1								43	43		
70/ 69		.1	1.3	2.6	2.9	1.1	1.0	.3	.6									71	71		
68/ 67		.1	3.3	3.2	1.5	1.3	.6	1.0										79	79	10	
66/ 65		2.1	6.3	2.2	1.4	1.4	.6	.1	.1									102	102	37	7
64/ 63		1.9	2.2	2.6	1.3	1.0	1.4	.1										76	76	110	37
62/ 61	.3	2.9	1.4	1.1	1.7	1.5	.1	.4		.1								69	69	137	47
60/ 59		4.0	2.1	.7	1.3	.4		.1	.1									63	63	84	113
58/ 57	.3	2.9	1.3	1.0	.4	.1	.6											47	47	82	88
56/ 55	.7	2.5	.8	.7	.3	.4	.4											42	42	93	104
54/ 53		2.5	.4	.7	.3	.4												31	31	55	69
52/ 51		.6	.7	.4	.1													13	13	54	44
50/ 49		.3			.1													3	3	20	54
48/ 47		.4																3	3	18	35
46/ 45		.1																1	1	11	36
44/ 43																				8	26
42/ 41																				1	25
40/ 39																					8
38/ 37																					5
36/ 35																					6
34/ 33																					6
32/ 31																					2
26/ 25																					
TOTAL	1.3	20.6	19.7	16.0	13.9	10.3	9.4	4.9	1.9	1.3	.4	.3	.1						720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3765914	50528	70.2	17.491	720							
Dry Bulb	3014976	46364	64.4	6.394	720			33.8	9.6	.1		90
Wet Bulb	2450080	41838	58.1	5.133	720			1.3				90
Dew Point	2103080	38576	53.6	7.102	720		1.0					90

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.1					1	1		
84/ 83									.1									1	1		
82/ 81								.1		.1	.3							4	4		
80/ 79							.3	.1	.3	.3		.3						9	9		
78/ 77				.1			1.0	.4		.1	.1							13	13		
76/ 75				.1	.6	1.5	1.7	.6	.4	.6	.1	.1						41	41		
74/ 73				.7	1.5	1.7	1.5	.3	.4		.1							45	45		
72/ 71				2.5	1.9	2.2	.4	.8	.7		.1							63	63	1	
70/ 69			1.8	2.5	1.9	1.1	.8	.8	.1	.1								67	67	3	1
68/ 67		.8	4.2	2.9	3.1	1.3	.7	.6	.4									100	100	24	
66/ 65		1.3	3.8	2.6	1.7	1.0	1.5		.1									86	86	72	17
64/ 63	.3	2.1	3.2	1.9	1.3	.6	.1	.1	.1									70	70	116	40
62/ 61		1.8	1.9	1.9	1.4	1.0	.4	.1										62	62	123	78
60/ 59	1.0	3.8	1.1	1.1	.7	.1	.1	.1										58	58	87	100
58/ 57	.1	2.1	.8	.4	.3	.1	.3	.1										31	31	90	109
56/ 55	.7	1.9	1.1	.6		.3	.3											35	35	71	98
54/ 53		2.2	.4		.1													20	20	56	51
52/ 51	.1	.1	.4	.1	.4													9	9	38	51
50/ 49		.3	.1															3	3	14	44
48/ 47		.1																1	1	10	31
46/ 45		.1																1	1	6	30
44/ 43																				7	26
42/ 41																					7
40/ 39																					4
38/ 37																					9
36/ 35																					6
34/ 33																					4
32/ 31																					2
30/ 29																					3
28/ 27																					1
TOTAL	2.2	16.7	18.9	17.6	14.9	10.8	9.2	4.3	2.8	1.3	.8	.4	.1					720	720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3679041	49959	69.4	17.192	720							
Dry Bulb	3148799	47379	65.8	6.573	720			43.0	14.3	1.4		90
Wet Bulb	2543303	42637	59.2	5.062	720			3.5				90
Dew Point	2182280	39326	54.6	6.908	720		.8	.1				93

USAETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																.1		1	1		
96/ 95																	.3	2	2		
94/ 93												.1		.1	.1		.1	4	4		
92/ 91												.4	.3	.7	.3	.1		13	13		
90/ 89										.3	.8	.6	.1	.6		.1		18	18		
88/ 87									.1	1.3	1.0	.6	.4	.3	.1	.3		29	29		
86/ 85							.1	.1	.8	1.5	1.3	1.8	.3		.3			45	45		
84/ 83							.4	1.8	1.7	1.9	.3	1.0		.1				52	52		
82/ 81						.3	1.5	2.9	2.1	1.1	.4	.4	.3					65	65		
80/ 79						1.0	2.8	3.2	1.3	1.4	.8	.3	.6	.3				83	83		
78/ 77				.3	.6	2.1	2.4	1.8	1.1	.6		.4	.1	.1				68	68		
76/ 75				.4	1.7	1.8	1.4	2.2	1.0	.4	.6	.1	.3					71	71		
74/ 73				.8	3.5	1.7	.8	1.3	.6	.3	.1	.1						66	66	1	
72/ 71			.3	1.4	1.8	1.0	1.3	.8	.3	.1								50	50	19	
70/ 69			.8	1.0	1.3	.6	1.1	.8		.1								41	41	73	2
68/ 67			.7	1.3	1.0	.6	.1	.1	.1									28	28	135	4
66/ 65		.4	1.0	.6	.3	.7	.6	.1	.3									28	28	141	23
64/ 63			.4	.7	.6	.3		.1										15	15	92	76
62/ 61		1.0	.3	.1	.4	.1	.1											15	15	85	90
60/ 59	.1	.3	.3	.1	.3													8	8	58	109
58/ 57		.8																6	6	48	89
56/ 55		.1		.1														2	2	32	68
54/ 53		1.3		.1														10	10	20	49
52/ 51																				12	51
50/ 49																				4	40
48/ 47																					43
46/ 45																					24
44/ 43																					11
42/ 41																					7
40/ 39																					7
38/ 37																					10
36/ 35																					5
34/ 33																					4
32/ 31																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 27																					4
TOTAL	.1	3.9	3.8	6.9	11.3	10.0	12.6	15.4	9.3	9.0	5.3	5.8	2.4	2.2	.8	.7	.4		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	211096	36956	51.3	17.382	720							
Dry Bulb	4258536	55070	76.5	8.037	720			79.5	64.6	34.4	.9	90
Wet Bulb	2928952	45796	63.6	4.728	720			28.5	.1			90
Dew Point	2259248	39988	55.5	7.304	720		1.0	.8				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
108/105																	.1	1	1		
104/103																	.3	2	2		
102/101																	.4	3	3		
100/ 99															.1	.4	.8	10	10		
98/ 97														.4	.7	.4	.4	14	14		
96/ 95													.7	1.5	.7	1.1	.4	32	32		
94/ 93												.7	1.4	1.9	1.4	.7	.1	45	45		
92/ 91									.1		1.3	1.5	1.4	1.9	1.1	.3	.6	59	59		
90/ 89										1.0	1.9	2.6	2.2	1.1	.3	.6	.1	71	71		
88/ 87								.3	.6	1.8	1.8	1.7	.8	.3	.6			56	56		
86/ 85							.3	1.4	1.8	3.2	2.4	.8	1.0	.6	.3	.1		85	85		
84/ 83							.3	.6	2.2	1.3	.4	.4	.4	.8	.3			48	48		
82/ 81						.4	1.4	1.1	1.8	1.1	.3	.1	.1		.1			58	58		
80/ 79					.1	.7	1.9	1.4	.8	2.2	.6	.1	.1	.3				60	60		
78/ 77					.4	1.5	.8	.4	1.1	.6	.3	.3		.3				41	41		
76/ 75					.6	1.0	1.0	.7	.6	.1	.3							30	30	1	
74/ 73				.1	1.0	.8	.3	.3	.4	.4	.1							25	25	6	
72/ 71			.1	.7	1.3	.7	.4	.7	.6	.3	.1							35	35	68	
70/ 69			.4	.1	.4		.3	.3										11	11	122	1
68/ 67			.1	.4	.1		.3											7	7	147	6
66/ 65			.1			.3												3	3	129	25
64/ 63		.3				.1												3	3	80	55
62/ 61		.6	.1	.1														6	6	57	78
60/ 59		.1	.4															4	4	42	86
58/ 57		.3																2	2	29	76
56/ 55		.6	.1															7	7	22	82
54/ 53		.1	.1															2	2	12	59
52/ 51																				5	58
50/ 49																					53
48/ 47																					37
46/ 45																					27
44/ 43																					23
42/ 41																					5
40/ 39																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) | AMARILLO MAP TX (STATION NAME) | 73-80 (YEARS) | JUN (MONTH)

 | 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					12
36/ 35																					11
34/ 33																					6
32/ 31																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																.1		1	1		
96/ 95																	.3	2	2		
94/ 93												.1		.1	.1		.1	4	4		
92/ 91												.4	.3	.7	.3	.1		13	13		
90/ 89										.3	.8	.6	.1	.6		.1		18	18		
88/ 87									.1	1.3	1.0	.6	.4	.3	.1	.3		29	29		
86/ 85							.1	.1	.8	1.5	1.3	1.8	.3		.3			45	45		
84/ 83							.4	1.8	1.7	1.9	.3	1.0		.1				52	52		
82/ 81						.3	1.5	2.9	2.1	1.1	.4	.4	.3					65	65		
80/ 79						1.0	2.[illegible]	3.2	1.3	1.4	.8	.3	.6	.3				83	83		
78/ 77				.3	.6	2.1	2.4	1.8	1.1	.6		.4	.1	.1				68	68		
76/ 75				.4	1.7	1.8	1.4	2.2	1.0	.4	.6	.1	.3					71	71		
74/ 73				.8	3.5	1.7	.8	1.3	.6	.3	.1	.1						66	66	1	
72/ 71			.3	1.4	1.8	1.0	1.3	.8	.3	.1								50	50	19	
70/ 69			.8	1.0	1.3	.6	1.1	.8		.1								41	41	73	2
68/ 67			.7	1.3	1.0	.6	.1	.1	.1									28	28	135	4
66/ 65		.4	1.0	.6	.3	.7	.6	.1	.3									28	28	141	23
64/ 63			.4	.7	.6	.3		.1										15	15	92	76
62/ 61		1.0	.3	.1	.4	.1	.1											15	15	85	90
60/ 59	.1	.3	.3	.1	.3													8	8	58	109
58/ 57		.8																6	6	48	89
56/ 55		.1		.1														2	2	32	68
54/ 53		1.3		.1														10	10	20	49
52/ 51																				12	51
50/ 49																				4	40
48/ 47																					43
46/ 45																					24
44/ 43																					11
42/ 41																					7
40/ 39																					7
38/ 37																					10
36/ 35																					5
34/ 33																					4
32/ 31																					4

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

0900-110 HOURS (L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew P
27 / 27 TOTAL	.1	3.9	3.8	6.9	11.3	10.0	12.6	15.4	9.3	9.0	5.3	5.8	2.4	2.2	.8	.7	.4	720	720	720	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2114096	36956	51.3	17.382	720							
Dry Bulb	4258536	55070	76.5	8.037	720			79.5	64.6	34.4	.9	
Wet Bulb	2928952	45796	63.6	4.728	720			28.5	.1			
Dew Point	2259248	39988	55.5	7.304	720		1.0	.8				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

 1200-1(HOURS (L.S

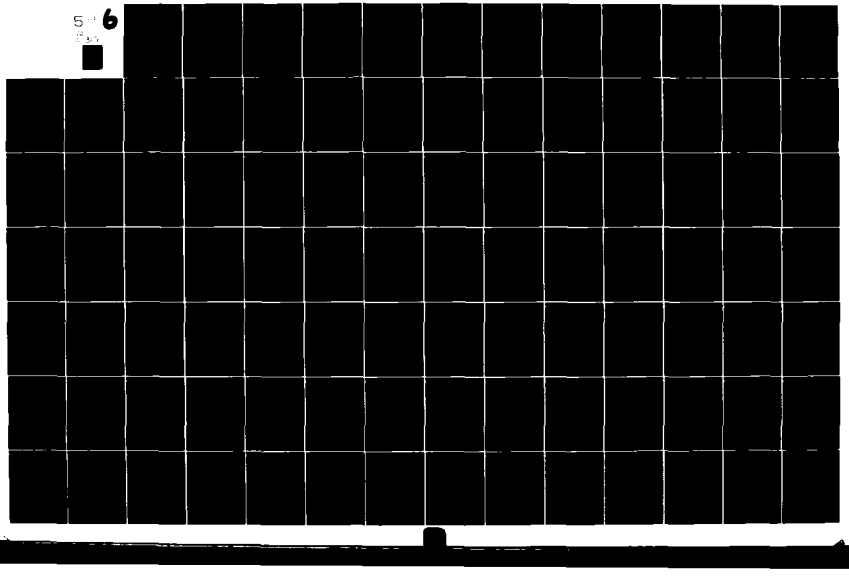
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew
105/105																	.1	1	1		
104/103																	.3	2	2		
102/101																	.4	3	3		
100/ 99															.1	.4	.8	10	10		
98/ 97														.4	.7	.4	.4	14	14		
96/ 95													.7	1.5	.7	1.1	.4	32	32		
94/ 93												.7	1.4	1.9	1.4	.7	.1	45	45		
92/ 91									.1		1.3	1.5	1.4	1.9	1.1	.3	.6	59	59		
90/ 89										1.0	1.9	2.6	2.2	1.1	.3	.6	.1	71	71		
88/ 87								.3	.6	1.8	1.8	1.7	.8	.3	.6			56	56		
86/ 85							.3	1.4	1.8	3.2	2.4	.8	1.0	.6	.3	.1		85	85		
84/ 83							.3	.6	2.2	1.3	.4	.4	.4	.8	.3			48	48		
82/ 81						.4	1.4	1.1	1.8	1.7	.7	.7	.1		.1			58	58		
80/ 79					.1	.7	1.9	1.4	.8	2.2	.6	.1	.1	.3				60	60		
78/ 77					.4	1.5	.8	.4	1.1	.6	.3	.3		.3				41	41		
76/ 75					.6	1.0	1.0	.7	.6	.1	.3							30	30	1	
74/ 73				.1	1.0	.8	.3	.3	.4	.4	.1							25	25	6	
72/ 71			.1	.7	1.3	.7	.4	.7	.6	.3	.1							35	35	68	
70/ 69			.4	.1	.4		.3	.3										11	11	122	
68/ 67			.1	.4	.1		.3											7	7	147	
66/ 65			.1			.3												3	3	129	
64/ 63		.3				.1												3	3	80	
62/ 61		.6	.1	.1														6	6	57	
60/ 59		.1	.4															4	4	42	
58/ 57		.3																2	2	29	
56/ 55		.8	.1															7	7	22	
54/ 53		.1	.1															2	2	12	
52/ 51																				5	
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Tot
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

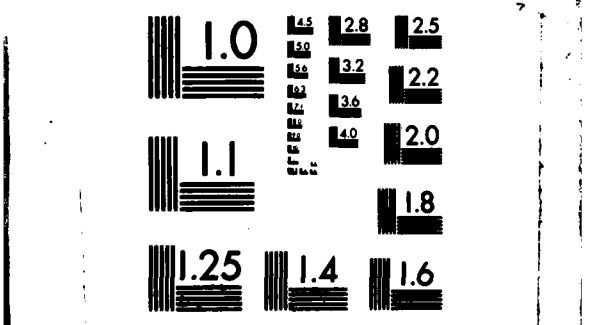
USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 176 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL



13176



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																					12
36/ 35																					11
34/ 33																					6
32/ 31																					6
30/ 29																					5
28/ 27																					2
TOTAL		2.2	1.7	1.5	3.9	5.6	6.9	7.1	10.0	12.5	9.9	8.9	8.2	9.2	5.6	3.6	3.3	720	720	720	720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	1335550	28554	39.7	16.809	720							
Dry Bulb	5102261	60277	83.7	8.824	720			86.6	80.0	64.5	13.4	90
Wet Bulb	3095487	47099	65.4	4.490	720			43.0	.9			90
Dew Point	2167017	39093	54.3	7.861	720		1.6	.9				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
106/105																	.4		3	3		
104/103																	.6		4	4		
102/101																.3	1.1		10	10		
100/ 99															.1	1.3	1.7		22	22		
98/ 97														1.0	1.4	.8	1.0		30	30		
96/ 95													.7	1.3	.8	1.8	.8		39	39		
94/ 93												.6	1.1	1.7	2.8	1.1	.7		57	57		
92/ 91											.8	2.1	2.1	3.5	1.8	.6			78	78		
90/ 89										1.0	1.8	1.9	1.4	.8	1.0	1.1			65	65		
88/ 87								.1	.7	2.4	1.0	.8	.8	.6	.8	.6	.4		59	59		
86/ 85								.8	1.8	2.1	2.2	1.1	1.0	1.0	.3				74	74		
84/ 83							.4	.8	.8	1.9	2.1	1.3	.6	.3	.1				60	60		
82/ 81							.4	1.8	1.0	1.1	.6	.1		.3					38	38		
80/ 79						.8	2.2	.3	1.1	1.4	.6	.3	.3						50	50		
78/ 77					.3	.7	.6	.4	.3	.1	.6	.3	.4						26	26		
76/ 75					.3	.8	1.7	.7	1.0	.1	.3	.3							37	37		
74/ 73					.7	.7		.7	.1										16	16	5	
72/ 71			.3	.4	.4	1.0		.7	.1										21	21	65	
70/ 69				.3															2	2	133	
68/ 67			.1	.3			.1												4	4	128	2
66/ 65			.1	.1	.4														5	5	135	19
64/ 63		.1	.3	.3															5	5	101	56
62/ 61		.3		.1															3	3	60	59
60/ 59		.3		.1															3	3	43	71
58/ 57		.4																	3	3	24	72
56/ 55		.4																	3	3	14	67
54/ 53			.4																3	3	9	68
52/ 51																					1	71
50/ 49																					2	58
48/ 47																						44
46/ 45																						31
44/ 43																						18
42/ 41																						16
40/ 39																						17

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
38/ 37																					19
36/ 35																					12
34/ 33																					6
32/ 31																					6
30/ 29																					3
28/ 27																					2
26/ 25																					1
24/ 23																					1
18/ 17																					1
TOTAL		1.5	1.3	1.7	2.1	4.0	5.4	6.4	6.9	10.1	9.9	8.8	8.3	10.3	9.2	7.5	6.7		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1120499	25747	35.8	16.670	720							
Dry Bulb	5372386	61860	85.9	8.949	720			86.9	83.5	71.0	20.6	90
Wet Bulb	3106551	47197	65.6	4.206	720			41.4	.6			90
Dew Point	2070690	38160	53.0	8.188	720		1.8	.3				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.3	2	2		
102/101																	.3	2	2		
100/ 99																.3	.6	6	6		
98/ 97														.4		.8	.8	15	15		
96/ 95													.1	.3	1.1	.4	.6	18	18		
94/ 93												.1	.6	1.1	.8	.4	.3	24	24		
92/ 91											.4	.6	1.4	.8	1.0	1.0	.3	39	39		
90/ 89											1.0	.8	.8	1.7	1.1	.7		44	44		
88/ 87									.3	1.4	1.1	2.5	.7	1.5	1.0	.1		62	62		
86/ 85							.3	.4	1.1	1.1	1.3	1.3	1.5	1.3	.1	.3		62	62		
84/ 83							.1	1.1	1.5	2.2	1.7	1.3	.4	.4	.7			68	68		
82/ 81						.1	1.0	1.9	1.0	1.7	1.4	.4	.6	.4				61	61		
80/ 79						.6	2.2	1.0	2.1	1.1	.7	.4	.3					60	60		
78/ 77						1.7	1.0	1.0	.8	.7	.6	.4	.1					45	45		
76/ 75				.3	.8	.7	1.3	2.1	.6	.4		.7						49	49		
74/ 73			.1	.8	2.2	.6	.8	1.0	.6	.1	.1	.3						48	48	3	
72/ 71			.1	1.1	1.8	.4	.3	.3	.3	.1								32	32	21	
70/ 69			.4	.7	.7	.1	.6	.3		.3								22	22	74	
68/ 67			.1	.8	.3	.1	.4											13	13	126	9
66/ 65		.1	.8	.6	.3	.1	.1	.1										16	16	124	13
64/ 63		.3	.3	.3	.3													8	8	132	48
62/ 61		.6	.1															5	5	98	77
60/ 59		.7	.1															6	6	58	74
58/ 57		.6																4	4	42	59
56/ 55		.7	.1															6	6	22	66
54/ 53			.1															1	1	13	77
52/ 51			.3															2	2	4	53
50/ 49																				2	46
48/ 47																				1	47
46/ 45																					37
44/ 43																					21
42/ 41																					17
40/ 39																					24
38/ 37																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
36/ 35																					13
34/ 33																					12
32/ 31																					11
30/ 29																					2
28/ 27																					1
TOTAL		2.9	2.8	4.6	6.4	4.4	8.1	9.2	8.2	9.2	8.2	8.8	6.5	7.9	5.8	4.0	3.1		720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1540007	30191	41.9	19.523	720							
Dry Bulb	4800159	58419	81.1	9.149	720			84.0	75.6	53.4	8.4	90
Wet Bulb	2957495	46041	63.9	4.311	720			28.0	.4			90
Dew Point	2064929	38085	52.9	8.372	720		1.8	1.1				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUN (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1					1	1		
90/ 89										.1	.1		.3	.1		.1		6	6		
88/ 87										.1	.4	.6	.1	.3		.1		12	12		
86/ 85									.1	.1	1.5	.6	.3		.1			20	20		
84/ 83								.3	.8	.1	1.3	.4	.8	.1				28	28		
82/ 81								.8	.4	1.7	1.1	1.0	.4	.3				41	41		
80/ 79						.4	1.0	.6	2.1	1.7	1.0	.6		.1				53	53		
78/ 77					.4	1.0	1.4	.7	1.1	.3	.6	.3	.1					42	42		
76/ 75				.1	1.1	2.2	2.8	1.4	1.0	1.0	.8	.6	.3					81	81		
74/ 73			.1	.6	1.9	1.8	2.1	2.9	.7	1.0	.6							84	84		
72/ 71			.6	1.9	1.8	2.1	1.7	1.8	.4	.4								77	77	2	
70/ 69		.3	1.9	2.1	1.0	1.8	1.0	.7	.1	.4	.1							68	68	17	
68/ 67		.3	2.6	.8	2.1	.8	1.0	.6	.1	.3								62	62	60	2
66/ 65			2.1	.4	.8	.6	.3	.1	.4	.1								35	35	115	20
64/ 63		.6	1.0	.8	.3	.3	.3	.4	.6									30	30	120	36
62/ 61		1.9	.6	.6	.6	.6		.1										31	31	111	78
60/ 59		2.1	1.0	.6	.1													27	27	106	77
58/ 57		.7	.3		.3													9	9	75	72
56/ 55		.6																4	4	51	80
54/ 53		.6																4	4	32	81
52/ 51		.4																3	3	10	63
50/ 49		.3																2	2	16	50
48/ 47																				5	34
46/ 45																					34
44/ 43																					25
42/ 41																					16
40/ 39																					16
38/ 37																					5
36/ 35																					14
34/ 33																					9
32/ 31																					8
TOTAL		7.6	10.1	7.9	10.4	11.5	11.4	10.4	7.9	7.4	7.5	3.9	2.5	1.0	.1	.3			720		720
																		720		720	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2461643	39599	55.0	19.866	720							
Dry Bulb	3820164	52164	72.5	7.541	720			71.9	46.0	17.5		90
Wet Bulb	2710213	44051	61.2	4.581	720			9.9				90
Dew Point	2104102	38532	53.5	7.643	720		1.0	.3				90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	4	4		
104/103																	.1	8	8		
102/101																.0	.2	15	15		
100/ 99															.0	.2	.4	38	38		
98/ 97														.2	.3	.3	.3	60	60		
96/ 95													.2	.4	.3	.4	.3	91	91		
94/ 93												.2	.4	.6	.6	.3	.2	130	130		
92/ 91									.0		.3	.6	.7	.9	.5	.2	.1	190	190		
90/ 89										.3	.7	.7	.6	.5	.3	.3	.0	204	204		
88/ 87								.1	.2	.9	.7	.8	.4	.4	.3	.1	.1	219	219		
86/ 85							.1	.3	.7	1.0	1.1	.7	.5	.3	.1	.1		288	288		
84/ 83							.2	.6	.9	1.0	.7	.6	.3	.2	.1			264	264		
82/ 81						.1	.5	1.1	.9	1.0	.6	.3	.2	.1	.0			281	281		
80/ 79					.0	.4	1.3	.9	1.2	1.1	.6	.3	.2	.1				350	350		
78/ 77				.1	.2	.9	1.1	.8	.7	.4	.3	.2	.1	.1				278	278		
76/ 75				.1	.7	1.2	1.7	1.2	.6	.4	.3	.3	.1					388	388	1	
74/ 73			.0	.4	1.6	1.3	1.0	1.0	.4	.4	.1	.1						366	366	15	
72/ 71			.2	1.2	1.6	1.4	.8	.7	.5	.2	.1							386	386	176	
70/ 69		.1	1.0	1.6	1.1	.8	.7	.5	.1	.1	.0							355	355	423	5
68/ 67		.2	2.0	1.4	1.3	.7	.6	.3	.2	.0								386	386	647	23
66/ 65		.6	2.1	1.0	.8	.7	.6	.1	.2	.0								347	347	848	134
64/ 63	.0	.8	1.2	1.0	.6	.3	.3	.2	.1									252	252	874	387
62/ 61	.0	1.5	.8	.7	.6	.5	.1	.1		.0								249	249	779	567
60/ 59	.2	1.8	.8	.5	.3	.1	.1	.1	.0									218	218	573	736
58/ 57	.1	1.2	.4	.3	.1	.1	.2	.0										139	139	479	640
56/ 55	.2	1.0	.4	.2	.1	.1	.1											115	115	377	665
54/ 53		1.0	.3	.1	.1	.1												91	91	250	531
52/ 51	.0	.2	.2	.1	.1													28	28	160	442
50/ 49		.2	.0		.0													13	13	70	393
48/ 47		.1																5	5	46	304
46/ 45		.0																2	2	24	255
44/ 43																				17	187
42/ 41																				1	106
40/ 39																					95

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37																					85
36/ 35																					76
34/ 33																					55
32/ 31																					46
30/ 29																					13
28/ 27																					10
26/ 25																					3
24/ 23																					1
18/ 17																					1
TOTAL	.5	8.7	9.4	8.6	9.2	8.7	9.3	7.9	6.7	6.9	5.5	4.7	3.6	3.9	2.7	2.0	1.7		5760		5760
																		5760		5760	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	19234601	307643	53.4	22.063	5760							
Dry Bulb	32850481	430247	74.7	11.126	5760			537.6	396.7	246.5	43.2	720
Wet Bulb	22354181	357465	62.1	5.432	5760			157.7	2.0			720
Dew Point	17066769	310447	53.9	7.622	5760		9.2	3.5				720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85											.1	.1						2	2		
84/ 83									.1		.4							4	4		
82/ 81								.1	1.1	.5	.8							19	19		
80/ 79							.9	1.3	1.9	1.5	.7	.1						48	48		
78/ 77						.9	.8	3.0	2.6	1.7	.3	.3						71	71		
76/ 75					1.2	2.6	2.6	3.2	2.4	.9	.4							99	99		
74/ 73			.4	1.3	3.0	3.5	3.1	2.7	.7	.1								110	110		
72/ 71		.1	1.2	3.5	3.0	1.5	1.7	.9	.1									90	90		
70/ 69		.3	3.2	5.1	3.5	.9	1.2											106	106	9	1
68/ 67		1.5	6.3	3.0	1.5	.7												96	96	60	8
66/ 65		1.2	3.8	1.6	.4		.3											54	54	167	29
64/ 63		1.9	2.3	.1			.1											33	33	204	85
62/ 61		.9		.1														8	8	176	118
60/ 59		.1	.3															3	3	85	114
58/ 57			.1															1	1	31	105
56/ 55																				9	75
54/ 53																				3	71
52/ 51																					46
50/ 49																					41
48/ 47																					28
46/ 45																					10
44/ 43																					6
42/ 41																					4
38/ 37																					3
TOTAL		6.0	17.6	14.8	12.5	10.1	10.8	11.3	8.9	4.8	2.7	.5						744	744	744	744

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3111800	46364	62.3	17.306	744							
Dry Bulb	3877125	53585	72.0	4.892	744			80.6	44.1	5.5		93
Wet Bulb	2960405	46887	63.0	2.740	744			8.6				93
Dew Point	2469002	42674	57.4	5.358	744			1.1				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79								.1	.1	.1								3	3		
78/ 77						.1	.3	1.1	.5	.9								22	22		
76/ 75					.4	.5	1.9	2.4	1.9	.1	.1							55	55		
74/ 73				.3	1.2	2.4	3.2	1.9		.3								69	69		
72/ 71		.3	.5	3.0	3.2	4.4	2.8	.8	.8	.3								120	120		
70/ 69		.1	3.6	4.4	4.0	1.7	1.3	.7										119	119	3	
68/ 67		1.5	8.5	4.0	3.0	1.2	.3											137	137	22	4
66/ 65		4.0	6.5	1.9	1.5	.3												105	105	100	28
64/ 63		3.5	4.3	1.2	.4													70	70	213	73
62/ 61		2.8	.4	.3	.3	.3												30	30	212	120
60/ 59		.9	.1															8	8	121	143
58/ 57		.5			.1													5	5	49	107
56/ 55		.1																1	1	18	100
54/ 53																				3	58
52/ 51																				3	41
50/ 49																					42
48/ 47																					11
46/ 45																					5
44/ 43																					9
38/ 37																					3
TOTAL		13.8	23.9	15.1	14.1	11.0	9.8	7.0	3.4	1.7	.1							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3740330	51386	69.1	16.043	744			65.6	18.6			93
Dry Bulb	3545507	51265	68.9	4.201	744			3.1				93
Wet Bulb	2866576	46138	62.0	2.696	744			.5				93
Dew Point	2486275	42859	57.6	4.830	744							93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81								.5	.7	.3	.1							12	12		
80/ 79						.1	.5	.9	.8	.4	.4							24	24		
78/ 77						.7	1.5	.9	.5	.5	.1							32	32		
76/ 75				.1	.8	2.0	2.6	.9	.7									53	53		
74/ 73				1.1	2.6	3.4	2.3	1.1	.5									81	81		
72/ 71		.1	.7	3.4	4.2	4.0	1.7	.3	.5	.1								112	112		
70/ 69		.3	3.5	4.4	4.7	1.6	1.1	.1										117	117	6	
68/ 67		1.5	6.0	3.1	2.2	1.2	.4		.1									108	108	46	4
66/ 65		5.1	5.2	2.2	.9	.3												102	102	164	29
64/ 63	.3	4.3	3.4	.7	.4													67	67	214	113
62/ 61	.4	2.3	.7	.1	.1													27	27	171	121
60/ 59			.3	.1														3	3	90	157
58/ 57	.3	.1	.1	.1														5	5	38	112
56/ 55		.1																1	1	10	67
54/ 53																				3	43
52/ 51																				2	37
50/ 49																					19
48/ 47																					9
46/ 45																					9
44/ 43																					2
42/ 41																					1
38/ 37																					1
TOTAL	.9	13.8	19.9	15.3	15.9	13.3	10.1	4.8	3.9	1.3	.7							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3762464	51586	69.3	15.809	744							
Dry Bulb	3633004	51868	69.7	4.787	744			67.4	25.3	2.5		93
Wet Bulb	2937857	46707	62.8	2.764	744			6.5				93
Dew Point	2562269	43537	58.5	4.432	744			.5				93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
98/ 97															.1			1	1		
96/ 95														.1		.1		2	2		
94/ 93													.4	.4	.5			10	10		
92/ 91											.1	1.2	1.1	1.2	.3			29	29		
90/ 89											1.9	1.7	1.5	.1				39	39		
88/ 87								.3	.7	2.2	2.8	.7	.5	.1				54	54		
86/ 85								.3	2.8	4.0	1.9	.7	.3					74	74		
84/ 83							.5	3.5	4.0	2.7	1.1	.4						91	91		
82/ 81				.1		.1	1.5	5.1	3.9	.1	.5							85	85		
80/ 79					.5	1.2	4.0	3.5	.4	.1	.1							74	74		
78/ 77					.9	5.8	3.4	1.6	.5	.3								93	93		
76/ 75				.4	3.0	1.5	1.1	.5										48	48	1	
74/ 73				1.2	4.4	1.2		.1		.1								53	53	2	
72/ 71		.1	.5	2.2	1.1	.4	.3											34	34	42	
70/ 69			1.3	1.7	.5	.1												28	28	146	
68/ 67		.3	1.3	.3														14	14	269	1
66/ 65		.4	.8															9	9	188	5
64/ 63		.5	.1															5	5	64	13
62/ 61		.1																1	1	29	14
60/ 59																				2	16
58/ 57																				1	10
56/ 55																					4
54/ 53																					3
52/ 51																					3
50/ 49																					1
48/ 47																					
46/ 45																					
44/ 43																					
TOTAL		1.5	4.2	5.9	10.5	10.3	10.8	14.9	12.4	9.5	8.5	4.7	3.8	2.0	.9	.1		744	744	744	74

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2127504	38126	51.2	15.292	744							
Dry Bulb	4848790	59868	80.5	6.495	744			91.1	81.6	52.6	1.6	9
Wet Bulb	3345516	49860	67.0	2.347	744			57.5	.4			9
Dew Point	2656448	44348	59.6	4.179	744			1.5	.1			9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
112/101																.1	1.1	9	9		
100/ 99															.3	.3	.5	8	8		
98/ 97														.4	1.2	1.3	.9	29	29		
96/ 95													.4	2.4	1.9	1.6	.1	48	48		
94/ 93											.3	1.1	3.9	3.6	2.2	.3		84	84		
92/ 91									.1	.1	1.9	3.9	3.2	1.3	.4			82	82		
90/ 89									.1	1.9	4.6	4.7	1.2	.3				95	95		
88/ 87								.1	2.3	3.2	3.4	1.9	1.1					89	89		
86/ 85							.1	.7	2.4	3.4	2.6	.1						69	69		
84/ 83							.8	2.4	2.6	1.6		.1	.1					57	57		
82/ 81						.5	1.9	3.1	.9	.3	.1	.1						52	52		
80/ 79						.8	2.7	.8	.4	.1								36	36		
78/ 77						2.3	1.2	.7										31	31		
76/ 75					.9	1.3	.1	.1										19	19	1	
74/ 73				.7	1.2	.3												16	16	10	
72/ 71				.8	.3													8	8	113	
70/ 69			.4															3	3	235	
68/ 67			.4	.1														4	4	238	8
66/ 65	.3		.1															3	3	112	46
64/ 63		.3																2	2	29	97
62/ 61																				5	105
60/ 59																				1	127
58/ 57																					109
56/ 55																					103
54/ 53																					45
52/ 51																					38
50/ 49																					39
48/ 47																					13
46/ 45																					9
44/ 43																					5
TOTAL	.3	.3	.9	1.6	2.4	5.2	6.9	7.9	8.9	10.6	12.8	12.0	9.9	8.1	5.9	3.6	2.7	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1312432	29428	39.6	14.135	744							
Dry Bulb	5698506	64912	87.2	6.874	744			92.4	90.5	80.3	22.3	93
Wet Bulb	3478010	50842	68.3	2.222	744			74.6	1.4			93
Dew Point	2530439	43239	58.1	4.856	744			1.0				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
104/103																	.4	3	3		
102/101																.1	1.6	13	13		
100/ 99															.1	1.1	1.3	19	19		
98/ 97														.1	1.9	2.0	1.7	43	43		
96/ 95													.8	3.0	3.2	3.0	.1	75	75		
94/ 93											.4	2.0	3.8	5.4	2.6	.5		109	109		
92/ 91											1.1	5.0	3.2	1.5	.4			83	83		
90/ 89									.1	1.1	2.3	2.2	2.4	.5				64	64		
88/ 87									.8	2.8	2.3	3.1	.5	.3				73	73		
86/ 85								1.2	2.3	3.6	1.3	.5		.1				68	68		
84/ 83							.5	2.7	.8	1.7	.3							45	45		
82/ 81						.8	1.3	2.4	1.3	1.1								52	52		
80/ 79				.1	.1	.7	1.5	.5	.1									23	23		
78/ 77					.1	1.6	.4	.4										19	19		
76/ 75				.3	.9	.8	.5											19	19		
74/ 73				.9	1.6	.3												21	21	9	
72/ 71			.5	.4	.1													8	8	103	1
70/ 69			.5	.3														6	6	233	2
68/ 67			.1															1	1	243	9
66/ 65																				131	41
64/ 63																				22	72
62/ 61																				3	84
60/ 59																					113
58/ 57																					85
56/ 55																					118
54/ 53																					73
52/ 51																					49
50/ 49																					48
48/ 47																					23
46/ 45																					15
44/ 43																					8
42/ 41																					1
40/ 39																					1
38/ 37																					1

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL			1.2	2.0	3.0	4.2	4.3	7.3	5.5	10.3	7.7	12.8	10.8	10.9	8.2	6.7	5.2	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1173257	27451	36.9	14.693	744							
Dry Bulb	5878773	65925	88.6	7.079	744			93.0	91.1	82.5	32.8	93
Wet Bulb	3468608	50776	68.2	2.102	744			73.5	1.1			93
Dew Point	2444664	42460	57.1	5.376	744			1.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	1	1		
100/ 99																	.7	5	5		
98/ 97															.3	.5	.4	9	9		
96/ 95														.7	1.2	1.9	.4	31	31		
94/ 93										.1		.1	1.5	2.6	1.6	.7	.1	50	50		
92/ 91											.3	2.2	3.1	2.3	1.2	.1		68	68		
90/ 89										.1	1.9	3.4	3.5	1.5	.4			80	80		
88/ 87									.3	1.2	2.8	3.6	2.0	.4				77	77		
86/ 85								.5	1.7	2.7	3.1	1.2	.5	.1				74	74		
84/ 83							.4	2.3	2.8	2.0	1.9	.5						74	74		
82/ 81						.4	1.2	2.7	2.8	1.3	.1	.1						65	65		
80/ 79					.1	.8	3.1	1.6	1.1	.4								53	53		
78/ 77				.3	.7	2.8	.9	.7	.4									43	43		
76/ 75				.5	1.5	1.6	1.3											37	37	1	
74/ 73			.3	1.2	1.5	.8	.3											30	30		
72/ 71			.1	1.5	.9	.5												23	23	34	
70/ 69			.9	1.1		.3												17	17	144	5
68/ 67			.4	.3														5	5	236	11
66/ 65			.3															2	2	210	29
64/ 63																				102	72
62/ 61																				17	94
60/ 59																					95
58/ 57																					86
56/ 55																					104
54/ 53																					78
52/ 51																					61
50/ 49																					49
48/ 47																					34
46/ 45																					19
44/ 43																					6
42/ 41																					4
40/ 39																					
TOTAL			2.0	4.8	4.7	7.3	7.3	7.8	9.1	7.9	10.1	11.2	10.6	7.5	4.7	3.2	1.7	744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1483617	30969	41.6	16.181	744							
Dry Bulb	5350142	62872	84.5	7.068	744			92.8	87.1	70.3	12.0	9
Wet Bulb	3327824	49730	66.8	2.262	744			51.9	.1			9
Dew Point	2416982	42206	56.7	5.527	744			2.0				9

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93														.1				1	1		
92/ 91													.1	.1				2	2		
88/ 87										.1	.3	.4	.3	.1				9	9		
86/ 85										.7	1.3	1.5	.7					31	31		
84/ 83								.3	.8	2.7	2.2	1.3	.5					58	58		
82/ 81							.7	2.3	4.3	4.4	1.7	1.5	.1	.1				113	113		
80/ 79				.1	.1		2.0	2.2	2.3	2.2	1.1	.7	.1					80	80		
78/ 77				.3	.8	2.2	1.6	3.2	3.1	1.3	.8							99	99		
76/ 75				.8	2.6	2.2	1.7	1.3	1.1	.1								73	73		
74/ 73				1.9	5.6	1.7	1.2	.9	.1									86	86	1	
72/ 71			.5	3.6	2.7	1.1	.7	.3		.1								67	67	7	
70/ 69		.1	3.5	3.2	1.3	.4	.4	.1										68	68	30	2
68/ 67		.5	2.0	.9	.5	.3												32	32	124	13
66/ 65		.5	1.2	.7														18	18	224	36
64/ 63		.4	.1	.3														6	6	177	96
62/ 61		.1																1	1	110	94
60/ 59																				53	93
58/ 57																				16	74
56/ 55																				1	90
54/ 53																				1	70
52/ 51																					58
50/ 49																					53
48/ 47																					24
46/ 45																					17
44/ 43																					13
42/ 41																					6
40/ 39																					1
38/ 37																					4
TOTAL		1.7	7.4	11.8	13.7	7.8	8.3	10.6	11.7	11.7	7.4	5.4	1.9	.5				744	744		744
																				744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2354795	39779	53.5	17.516	744			89.9	69.0	32.4	.1	93
Dry Bulb	4378406	56928	76.5	5.502	744			20.3	.1			93
Wet Bulb	3088977	47895	64.4	2.779	744			1.9				93
Dew Point	2435980	42340	56.9	5.969	744							93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | JUL MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
104/103																	.1	3	3		
102/101																.0	.4	23	23		
100/ 99															.1	.2	.3	32	32		
98/ 97														.1	.4	.5	.4	82	82		
96/ 95													.2	.8	.8	.8	.1	156	156		
94/ 93										.0	.1	.4	1.2	1.5	.9	.2	.0	254	254		
92/ 91									.0	.0	.4	1.5	1.3	.8	.3	.0		262	262		
90/ 89									.0	.4	1.3	1.5	1.1	.3	.1			280	280		
88/ 87								.1	.5	1.2	1.4	1.2	.6	.1				302	302		
86/ 85							.0	.3	1.2	1.8	1.3	.5	.2	.0				318	318		
84/ 83							.3	1.4	1.4	1.3	.7	.3	.1					329	329		
82/ 81				.0		.2	.8	2.0	1.9	1.0	.4	.2	.0	.0				398	398		
80/ 79				.0	.1	.5	1.8	1.4	.9	.6	.3	.1	.0					341	341		
78/ 77				.1	.3	2.0	1.3	1.4	1.0	.6	.2	.0						410	410		
76/ 75				.3	1.4	1.6	1.5	1.1	.8	.2	.1							403	403	3	
74/ 73			.1	1.1	2.6	1.7	1.3	.8	.2	.1								466	466	22	1
72/ 71		.1	.5	2.3	1.9	1.5	.9	.3	.2	.1								462	462	299	1
70/ 69		.1	2.1	2.5	1.8	.6	.5	.1										464	464	806	10
68/ 67		.7	3.1	1.5	.9	.4	.1		.0									397	397	1238	68
66/ 65	.0	1.4	2.2	.8	.4	.1	.0											293	293	1296	289
64/ 63	.0	1.4	1.3	.3	.1		.0											183	183	1025	740
62/ 61	.1	.8	.1	.1	.1	.0												67	67	723	880
60/ 59		.1	.1	.0														14	14	352	1005
58/ 57	.0	.1	.0	.0	.0													11	11	135	782
56/ 55		.0																2	2	38	725
54/ 53																				10	471
52/ 51																				5	360
50/ 49																					308
48/ 47																					148
46/ 45																					82
44/ 43																					51
42/ 41																					16
40/ 39																					3
38/ 37																					12

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) JUL (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.2	4.7	9.6	8.9	9.6	8.7	8.5	9.0	8.0	7.3	6.2	5.8	4.6	3.6	2.5	1.7	1.2	5952	5952	5952	5952

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19066199	315089	52.9	20.023	5952							
Dry Bulb	37210253	467223	78.5	9.472	5952			672.8	507.4	326.0	68.8	744
Wet Bulb	25473773	388835	65.3	3.473	5952			296.0	3.1			744
Dew Point	20002059	343663	57.7	5.173	5952			10.0	.1			744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81								.1	.1			.1						3	3		
80/ 79							.7	.4	.4	.3		.1						14	14		
78/ 77						.9	.9	1.1	.7	.1	.3							30	30		
76/ 75				.1	.7	1.1	2.4	2.2	.3	.3	.4							55	55		
74/ 73			.5	.9	4.6	2.6	3.1	1.7	.8	.1								107	107		
72/ 71		.5	2.6	5.1	4.2	3.0	3.5	.5	.7									149	149	1	
70/ 69		1.3	1.6	4.0	3.1	2.2	1.2	.1										101	101	17	4
68/ 67		1.7	4.8	1.9	2.2	1.6	.4											94	94	62	23
66/ 65		2.3	3.4	1.5	.9	.8	.1											67	67	137	34
64/ 63		3.9	3.0	.8	.8	.1												64	64	167	75
62/ 61		2.4	1.3	.3	.4	.1												34	34	168	126
60/ 59		.8	.4		.4			.1										13	13	91	126
58/ 57	.1	.5		.1														6	6	63	96
56/ 55		.5				.1												5	5	22	77
54/ 53	.1	.1																2	2	9	73
52/ 51																				5	41
50/ 49																					30
48/ 47																				1	15
46/ 45																				1	12
44/ 43																					4
42/ 41																					5
40/ 39																					1
38/ 35																					1
34/ 33																					1
TOTAL	.3	14.2	17.6	14.8	17.2	12.5	12.4	6.3	3.0	.8	.7	.3						744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3653213	50769	68.2	15.942	744							
Dry Bulb	3620835	51777	69.6	4.858	744			69.1	26.1	.9		93
Wet Bulb	2908763	46447	62.4	3.506	744			10.0				93
Dew Point	2518702	43104	57.9	5.373	744			3.4				93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.1	.3										3	3		
76/ 75					.5	.4	1.2	.8										22	22		
74/ 73				.1	1.3	1.5	1.7	1.1	.1	.4								47	47		
72/ 71		.4	1.3	2.4	1.5	2.4	.9	.3	.5	.1								74	74		
70/ 69		1.7	3.2	4.8	3.2	1.6	.7	.7	.5									123	123	4	1
68/ 67	.1	1.7	4.3	4.4	4.0	1.1	.4	.1										121	121	36	13
66/ 65		3.2	7.8	2.7	2.6	1.3	.3											133	133	84	31
64/ 63	.1	5.9	5.9	1.3	1.2	.3												110	110	151	58
62/ 61	.1	4.7	1.5	.3	.7	.1												55	55	207	136
60/ 59	.1	2.7	1.2	.4	.4													36	36	129	139
58/ 57	.1	.8		.7														12	12	57	109
56/ 55		.3		.3														4	4	48	103
54/ 53		.5																4	4	18	51
52/ 51																				8	27
50/ 49																				2	33
48/ 47																					13
46/ 45																					16
44/ 43																					6
42/ 41																					5
40/ 39																					3
TOTAL	.7	22.0	25.3	17.5	15.5	8.7	5.4	3.2	1.2	.5								744	744		744
																				744	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4248128	55122	74.1	14.866	744							
Dry Bulb	3333423	49699	66.8	4.269	744			48.8	9.0			93
Wet Bulb	2806944	45628	61.3	3.416	744			5.0				93
Dew Point	2501023	42969	57.8	5.109	744			1.8				93

USAFETAC FORM 7) 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79								.3										2	2		
78/ 77					.1	.1	.7	.1		.1	.1							10	10		
76/ 75					.1	.8	.9	.5		.4	.1							22	22		
74/ 73				.8	1.5	2.4	1.2	.3	.3	.1								49	49		
72/ 71		.3	.9	3.0	3.8	2.6	.8	.3	.3									88	88		
70/ 69		.5	3.4	3.0	2.8	1.6	.3	.1	.1									88	88	5	1
68/ 67		2.8	5.2	4.8	2.6	.9	.8	.7	.1									134	134	33	6
66/ 65	.1	3.5	7.4	3.6	2.4	1.3												137	137	112	40
64/ 63		6.2	3.4	1.6	1.2	.3												94	94	143	67
62/ 61	.5	5.4	2.2	.5	1.2	.1												74	74	215	122
60/ 59		2.4	.7	.4	.3													28	28	103	168
58/ 57	.1	.3	.1	.3	.1													7	7	75	114
56/ 55		.7																5	5	34	89
54/ 53		.4	.1															4	4	13	39
52/ 51		.1		.1														2	2	7	35
50/ 49																				3	25
48/ 47																				1	15
46/ 45																					9
44/ 43																					8
42/ 41																					5
38/ 37																					1
TOTAL	.8	22.6	23.4	18.1	16.1	10.2	4.7	2.3	.8	.7	.3								744		744
																		744		744	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4272362	55340	74.4	14.494	744							
Dry Bulb	3351134	49820	67.0	4.503	744			49.1	10.4			93
Wet Bulb	2825401	45777	61.5	3.446	744			4.8				93
Dew Point	2524356	43184	58.0	4.898	744			.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.1	1	1		
94/ 93														.1	.1			2	2		
92/ 91													.1	.1	.3	.1		5	5		
90/ 89											.8	.8	.1	.1				14	14		
88/ 87										1.2	1.7	.5	.5					30	30		
86/ 85									.9	3.5	2.0	.8	.3					56	56		
84/ 83							.8	1.7	3.1	2.2	.8	.3						66	66		
82/ 81					.1	.5	1.7	4.0	2.7	1.5	.7							84	84		
80/ 79					.1	1.6	4.8	3.5	2.3	.4								95	95		
78/ 77				.1	1.5	3.5	4.6	2.0	1.3	.1								98	98		
76/ 75				.7	2.8	3.6	1.7	.8	.4			.1						76	76		
74/ 73			.4	1.7	2.3	2.0	.4	.3	.3									55	55	1	
72/ 71		.3	.7	2.2	1.9	.5	.4		.1	.1								46	46	28	
70/ 69		.4	1.3	1.3	1.1	.1	.7											37	37	113	5
68/ 67		.7	1.6	.8	.4	.1		.1										28	28	196	16
66/ 65		.9	1.3	.3														19	19	198	62
64/ 63		1.6	.3	.3														16	16	115	101
62/ 61		.3	.3	.3														6	6	50	137
60/ 59		.9	.4															10	10	24	154
58/ 57																				13	98
56/ 55																				4	68
54/ 53																				2	33
52/ 51																					32
50/ 49																					19
48/ 47																					10
46/ 45																					5
42/ 41																					1
40/ 39																					1
38/ 37																					1
36/ 35																					1
TOTAL		5.1	6.3	7.7	10.2	12.1	15.2	12.5	11.2	9.0	6.0	2.6	1.1	.4	.4	.1	.1	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2518616	41510	55.8	16.515	744							
Dry Bulb	4502156	57662	77.5	6.684	744			86.6	72.8	38.4	.4	93
Wet Bulb	3235643	49011	65.9	3.079	744			42.3	.1			93
Dew Point	2632413	44117	59.3	4.699	744			2.6				93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.3	2	2		
100/ 99															.1		.4	4	4		
98/ 97															.5	.1		5	5		
96/ 95													.4	.8	.3	.8	.5	21	21		
94/ 93												.5	1.7	1.3	.7	.7		37	37		
92/ 91											.8	3.1	3.1	1.7	.5			69	69		
90/ 89								.1	.1	2.0	3.0	5.2	3.0	1.1	.1			109	109		
88/ 87							.1	.1	1.5	3.2	5.2	3.2	1.6					112	112		
86/ 85							.1	1.3	2.6	2.3	2.0	1.2	.3					73	73		
84/ 83						.1	1.1	2.7	2.4	1.9	1.3	.4						74	74		
82/ 81					.1	.8	1.9	2.6	1.3	1.2	.5							63	63		
80/ 79					.4	.9	1.7	1.3	.4	.1	.1		.1	.1				40	40		
78/ 77					.8	2.3	1.5	.7		.1			.1					41	41		
76/ 75				.5	.9	.4	.9	.1										22	22	2	
74/ 73			.3	.5	.7	.8			.1									18	18	14	
72/ 71			.7	.5	.3	.4	.3	.1										17	17	86	1
70/ 69			.5	.7	.3	.1												12	12	192	5
68/ 67		.4	.5	.1	.1													9	9	214	23
66/ 65		.4	.1															4	4	139	53
64/ 63				.1	.1													2	2	63	83
62/ 61		.7		.1														6	6	15	96
60/ 59		.5																4	4	10	110
58/ 57																				5	106
56/ 55																				4	92
54/ 53																					56
52/ 51																					47
50/ 49																					28
48/ 47																					25
46/ 45																					7
44/ 43																					8
42/ 41																					1
36/ 35																					1
34/ 33																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 77 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		2.0	2.2	2.7	3.8	5.9	7.7	9.1	8.5	10.9	13.0	13.7	10.3	5.1	2.3	1.6	1.2	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1571662	32018	43.0	16.149	744							
Dry Bulb	5370876	62984	84.7	7.236	744			91.0	86.3	73.8	8.6	93
Wet Bulb	3397008	50226	67.5	2.923	744			63.5	2.0			93
Dew Point	2526476	43160	58.0	5.531	744			3.6				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
1 4/103																	.1	1	1		
102/101																	.3	2	2		
100/ 99															.3	.4	.4	8	8		
98/ 97														.1	.4	.3	.7	11	11		
96/ 95													.1	1.1	.5	.8	1.1	27	27		
94/ 93											.3	.5	3.8	2.4	1.5	1.1	.1	72	72		
92/ 91										.5	1.1	2.7	5.1	3.6	1.2	.1		107	107		
90/ 89								.3	.4	1.9	4.2	5.1	2.3	1.3	.3			117	117		
88/ 87								.5	.5	2.8	4.0	2.7	1.2	.1				89	89		
86/ 85							.1	.5	3.4	2.0	3.0	1.1	.8					81	81		
84/ 83						.7	.7	.9	1.1	1.2	.9	.4						44	44		
82/ 81					.1	.4	.5	1.3	1.1	.8				.1				33	33		
80/ 79					.3	1.2	3.9	1.3	.8		.1			.1				58	58		
78/ 77				.1	.5	.4	.3	.8	.5	.3			.1					23	23		
76/ 75				.4	.7	.3	.4	.1										14	14	2	
74/ 73			.1	.4	1.5	.5	.3											21	21	23	
72/ 71			.1	.3	.3	.3												7	7	98	1
70/ 69			.8	.4	.1													10	10	166	6
68/ 67			.7		.3													7	7	192	24
66/ 65		.1	.1															2	2	155	32
64/ 63		.3	.1															3	3	77	72
62/ 61		.5	.3	.1														7	7	21	90
60/ 59																				5	97
58/ 57																				2	95
56/ 55																				1	106
54/ 53																				2	63
52/ 51																					49
50/ 49																					44
48/ 47																					26
46/ 45																					17
44/ 43																					13
42/ 41																					3
40/ 39																					3
38/ 31																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 29 TOTAL		.9	2.3	1.7	3.8	3.8	6.2	5.9	7.8	9.5	13.6	12.5	13.4	9.0	4.2	2.7	2.7		744		2 744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1345123	29417	39.5	15.651	744							
Dry Bulb	5583739	64235	86.3	7.138	744			91.5	88.5	78.4	15.1	93
Wet Bulb	3401933	50261	67.6	2.968	744			60.1	3.1			93
Dew Point	2444915	42413	57.0	6.038	744		.4	3.9				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	.1	1	1		
98/ 97															.1		.3	3	3		
96/ 95														.4	.1	.1	.1	6	6		
94/ 93												.1		.4	.3	.3	.3	10	10		
92/ 91											.1	1.5	1.3	.7	.3	.1		30	30		
90/ 89										.3	1.5	2.6	2.0	.8	.5	.1		58	58		
88/ 87									.3	1.5	3.1	3.2	1.2	.3	.3			73	73		
86/ 85							.3	.5	2.3	3.4	3.0	1.9	1.1	.3	.1			95	95		
84/ 83						.1	.4	2.4	2.4	2.4	3.1	.7	.5					90	90		
82/ 81					.1	.5	1.5	3.0	2.6	1.9	1.3	.3						83	83		
80/ 79				.4	.3	.9	3.1	1.6	1.2	1.2	.4			.1				69	69		
78/ 77				.3	.5	2.7	1.6	1.1	1.5	.3	.1							60	60		
76/ 75				.5	1.1	.7	1.5	1.2	.1	.1		.1						40	40		
74/ 73			.1	.7	1.2	.7	.5	.1					.1					26	26	10	
72/ 71			.5	2.0	.5	.5	.1											28	28	41	4
70/ 69		.1	1.6	1.2	.1	.5		.1				.1						29	29	122	4
68/ 67		.5	1.1	.1	.3													15	15	174	16
66/ 65		.3	.9	.3														11	11	181	46
64/ 63		.5	.7	.3														11	11	119	69
62/ 61		.4																3	3	68	111
60/ 59		.1	.1															2	2	17	84
58/ 57																				6	100
56/ 55		.1																1	1	3	81
54/ 53																				1	67
52/ 51																				1	60
50/ 49																				1	45
48/ 47																					13
46/ 45																					20
44/ 43																					12
42/ 41																					6
38/ 37																					1
36/ 35																					2
28/ 27																					2
26/ 25																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		2.2	5.1	5.8	4.2	6.7	9.0	10.1	10.3	11.0	12.6	10.5	6.3	3.0	1.7	.7	.8	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1850133	34695	46.6	17.678	744							
Dry Bulb	4957944	60500	81.3	7.175	744			89.5	80.5	60.9	2.5	93
Wet Bulb	3252930	49136	66.0	3.248	744			43.4	1.3			93
Dew Point	2455788	42494	57.1	6.217	744		.4	3.0				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 88/ 87										.1		.3						3	3		
86/ 85									.1	.1	.1	.3		.1				6	6		
84/ 83									.7	.7	.1	.1	.3					14	14		
82/ 81							.4	1.2	1.9	.5	.1	.8						37	37		
80/ 79					.4	.3	1.3	2.6	2.8	1.2	.7							69	69		
78/ 77				.1	.5	3.0	2.7	3.4	2.3	1.1	.1							98	98		
76/ 75			.4	1.1	3.4	4.4	3.2	2.3	2.7	.7								135	135		
74/ 73			.9	2.0	3.2	2.6	1.6	2.7	.3		.1							100	100	1	
72/ 71		.3	1.2	3.1	2.2	2.3	1.5	1.1										86	86	7	
70/ 69		.5	2.4	2.0	1.3	.7	1.7											65	65	43	6
68/ 67		1.1	2.7	1.3	.7	.8	.1											50	50	124	22
66/ 65		1.2	1.6	.5	.7	.3	.1			.3								35	35	171	48
64/ 63		.8	.5	.7		.3												17	17	136	81
62/ 61		1.9	.5	.1				.1										20	20	123	103
60/ 59	.1	.3	.1															4	4	96	130
58/ 57		.3	.1															3	3	28	73
56/ 55																				8	75
54/ 53	.1	.1																2	2	4	65
52/ 51																					51
50/ 49																					44
48/ 47																				3	22
46/ 45																					15
44/ 43																					4
42/ 41																					1
36/ 35																					1
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	.3	6.5	10.6	11.0	12.4	14.5	12.8	13.3	10.8	4.7	1.3	1.5	.3	.1				744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2870298	44508	59.8	16.720	744							
Dry Bulb	4052826	54762	73.6	5.451	744			82.9	57.8	11.9		93
Wet Bulb	3036220	47456	63.8	3.527	744			21.9	.1			93
Dew Point	2506538	42966	57.8	5.830	744		.4	3.5				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | AUG MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
114/103																	.0	1	1		
112/101																	.1	4	4		
110/ 99															.1	.1	.1	13	13		
108/ 97														.0	.1	.1	.1	19	19		
106/ 95													.1	.3	.1	.2	.2	55	55		
104/ 93											.0	.2	.7	.5	.3	.3	.1	121	121		
102/ 91										.1	.3	.9	1.2	.8	.3	.1		211	211		
100/ 89								.1	.1	.5	1.2	1.7	.9	.4	.1	.0		298	298		
98/ 87							.0	.1	.3	1.1	1.8	1.2	.6	.1	.0			307	307		
96/ 85							.1	.3	1.2	1.4	1.3	.7	.3	.1	.0			311	311		
94/ 83						.1	.4	1.0	1.2	1.0	.8	.2	.1					288	288		
92/ 81					.1	.3	.8	1.5	1.2	.7	.3	.2		.0				303	303		
90/ 79				.1	.2	.6	1.9	1.4	1.0	.4	.2	.0	.0	.1				347	347		
78/ 77				.1	.5	1.6	1.5	1.2	.8	.3	.1		.0					363	363		
76/ 75			.1	.4	1.3	1.5	1.5	1.0	.4	.2	.1	.0						386	386	4	
74/ 73			.3	.9	2.0	1.6	1.1	.8	.2	.1	.0		.0					423	423	49	
72/ 71		.2	1.0	2.3	1.8	1.5	.9	.3	.2	.0								495	495	261	6
70/ 69		.6	1.9	2.2	1.5	.9	.6	.1	.1			.0						465	465	662	32
68/ 67	.0	1.1	2.6	1.7	1.3	.6	.2	.1	.0									458	458	1031	143
66/ 65	.0	1.5	2.8	1.1	.8	.5	.1			.0								408	408	1177	346
64/ 63	.0	2.4	1.7	.6	.4	.1												317	317	971	606
62/ 61	.1	2.0	.8	.2	.3	.1		.0										205	205	867	921
60/ 59	.0	1.0	.4	.1	.1			.0										97	97	475	1008
58/ 57	.1	.2	.0	.1	.0													28	28	249	791
56/ 55		.2		.0		.0												15	15	124	691
54/ 53	.0	.2	.0															12	12	49	447
52/ 51		.0		.0														2	2	21	342
50/ 49																				6	268
48/ 47																				5	139
46/ 45																				1	101
44/ 43																					55
42/ 41																					27
40/ 39																					8
38/ 37																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) AUG (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					6
34/ 33																					3
32/ 31																					2
30/ 29																					3
28/ 27																					3
26/ 25																					1
TOTAL	.3	9.4	11.6	9.9	10.4	9.3	9.2	7.8	6.7	5.9	5.9	5.1	3.9	2.2	1.1	.6	.6	5952	5952		5952

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	22329535	343379	57.7	20.576	5952							
Dry Bulb	34772933	451439	75.8	9.462	5952			608.5	431.3	264.1	26.6	744
Wet Bulb	24864842	383942	64.5	4.061	5952			250.9	6.6			744
Dew Point	20110211	344407	57.9	5.521	5952		1.1	22.6				744

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 79									.1		.3								3	3		
78 / 77						.1	.1		.1	.4									6	6		
76 / 75					.1	.7	.4	.6	.4										16	16		
74 / 73					1.7	.6	1.1	.7		.1									30	30		
72 / 71				1.7	1.7	1.7	1.3	.1	.3										48	48		
70 / 69			.7	2.9	2.6	1.1	.6		.4										60	60		
68 / 67		.1	2.5	2.8	2.2	1.1		1.3	.3										74	74	9	
66 / 65		1.9	1.9	1.7	2.2	1.1	.7	.8	.3	.3									79	79	40	
64 / 63		2.9	1.7	.7	1.1	.8	.6	.4	.3										61	61	92	33
62 / 61	.3	3.5	1.5	1.7	1.5	.8	.7	.1											73	73	107	62
60 / 59	.4	1.9	1.4	1.7	.7	1.0	.4	.1											55	55	79	83
58 / 57	.1	2.2	2.9	1.5	1.0	.6	.3												62	62	63	73
56 / 55	.3	1.8	.7	.8	.4	.4	.1												33	33	54	72
54 / 53	.1	1.5	1.1	.8	1.0	.3													35	35	73	46
52 / 51	.4	1.0	.8	1.0	.4	.1													27	27	67	69
50 / 49		2.2	.6	.7		.4													28	28	36	57
48 / 47		1.3	.4	.1	.3														15	15	39	34
46 / 45		.6	.1		.1														6	6	28	43
44 / 43		.7		.1															6	6	18	38
42 / 41	.3																		2	2	10	33
40 / 39	.1																		1	1	3	30
38 / 37																					2	21
36 / 35																						9
34 / 33																						3
32 / 31																						7
30 / 29																						6
28 / 27																						1
TOTAL	2.1	21.7	16.4	18.2	17.1	10.8	6.3	4.2	2.2	.8	.3									720		720
																			720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3759720	50598	70.3	16.842	720							
Dry Bulb	2843323	44915	62.4	7.592	720			29.6	6.9	.1		90
Wet Bulb	2316595	40579	56.4	6.413	720			1.1				90
Dew Point	1975590	37274	51.8	7.993	720		1.8					90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73					.6			.1	.1									6	6		
72/ 71				1.0		.4	.3		.1									13	13		
70/ 69			.4	2.6	1.4	1.1	.7	.1	.1									47	47		
68/ 67		.1	2.5	2.4	1.1	1.0	.3	.6	.4									60	60	1	
66/ 65		1.7	4.6	2.5	2.1	.1	.1	.8										86	86	30	
64/ 63	.3	3.9	2.2	2.6	.8	.3	.4											76	76	53	30
62/ 61	.6	5.7	1.5	1.8	1.4	.7	.6											88	88	107	57
60/ 59	.1	2.2	1.9	1.3	1.5	.6	.4	.1										59	59	83	94
58/ 57	.1	3.3	3.1	1.4	1.0	.4	.7											72	72	72	55
56/ 55	.4	2.1	2.2	.8	.7	.4	.1											49	49	61	76
54/ 53		1.5	2.8	.7	.3	.3												40	40	66	60
52/ 51		2.9	1.0	1.3		.3												39	39	75	38
50/ 49		3.1	.8	.6	.3													34	34	49	80
48/ 47		1.4	1.4	.1														21	21	45	46
46/ 45		1.0	.4	.7														15	15	31	45
44/ 43		1.0	.3	.3														11	11	24	32
42/ 41	.1	.3																3	3	12	39
40/ 39				.1														1	1	8	26
38/ 37																				2	17
36/ 35																				1	6
34/ 33																					6
32/ 31																					10
30/ 29																					3
TOTAL	1.7	30.1	25.1	20.1	11.1	5.6	3.6	1.8	.8										720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4309987	54649	75.9	15.013	720							
Dry Bulb	2613655	43091	59.8	6.949	720			15.8	.8			90
Wet Bulb	2228881	39793	55.3	6.416	720			.1				90
Dew Point	1968836	37228	51.7	7.818	720		1.6					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 / 77							.1	.1										2	2		
74/ 73				.1	.1	.1	.1											4	4		
72/ 71				1.1	.4	.1	.4			.1								16	16		
70/ 69		.1	.8	.8	1.5	.4		.1	.1									29	29		
6 / 67		.3	3.6	1.7	1.1	.4	.3		.3		.1							56	56	3	
66/ 65		1.9	4.3	2.2	2.4	.4	.7	.1	.3									89	89	27	4
64/ 63		2.9	3.9	1.0	.7	.4	.6	.4										71	71	55	33
62/ 61	.8	4.7	2.5	1.1	1.3	.8	.3	.1										84	84	94	60
60/ 59	.3	3.8	2.1	1.7	1.4	.8	.1											73	73	84	73
58/ 57	.1	3.8	1.8	1.7	.1	.7	.1											60	60	72	71
56/ 55	.7	2.5	1.8	.8	.4	1.0	.1											53	53	69	87
54/ 53		3.1	2.9	.4	.6	.3												52	52	64	53
52/ 51		2.1	1.1	1.1	.3													32	32	68	34
50/ 49	.1	3.2	1.8	.6	.4													44	44	54	65
48/ 47		1.8	1.1	.4														24	24	48	61
46/ 45	.3	1.0	.7	.6														18	18	39	42
44/ 43		.3	.6															6	6	18	35
42/ 41	.1	.3																3	3	12	31
40/ 39		.1	.3															3	3	10	24
38/ 37	.1																	1	1	1	20
36/ 35																				2	8
34/ 33																					13
32/ 31																					3
30/ 29																					2
28/ 25																					1
TOTAL	2.6	31.8	29.3	15.1	10.7	5.6	2.9	1.0	.7	.1	.1								720		720
																		720		720	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4482692	55806	77.5	14.789	720							
Dry Bulb	2570707	42725	59.3	7.016	720			13.4	.8			90
Wet Bulb	2215761	39665	55.1	6.524	720			.4				90
Dew Point	1978191	37309	51.8	7.903	720		.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1					1	1		
90/ 89												.1	.1			.1		3	3		
88/ 87											.3	.3		.1	.1			6	6		
86/ 85									.3	.1	.6			.3	.1			10	10		
84/ 83								.6	.8	1.1	.8	.6	.3					30	30		
82/ 81							.4	1.0	1.8	1.0	.3	.3	.3	.1				37	37		
80/ 79						.6	1.8	1.7	1.1	.4	.4	.1	.1	.1				46	46		
78/ 77						1.9	1.5	2.5	1.0	1.0	.3	.3						61	61		
76/ 75				.1	1.1	2.6	2.2	.7	1.0	.3	.4	.1						62	62		
74/ 73				.6	2.2	1.1	1.3	.6	1.0	.4	.4	.1						55	55		
72/ 71			.1	1.7	.8	2.1	.8	.7	.1	.1								47	47	4	
70/ 69		.4	.4	1.5	.8	.8	1.0	.4	.3	.1	.3							44	44	21	
68/ 67			1.5	1.4	1.1	1.1	.8	.3	.1	.1								47	47	72	3
66/ 65			1.7	.8	1.1	.7	.1	.1	.3									35	35	104	10
64/ 63		1.7	1.7	.4	1.1	.7	.6	.6	.1									49	49	86	43
62/ 61	.1	2.2	.6	.4	.6	.6	1.1	.4										43	43	90	75
60/ 59	.3	1.4	.3	.1	1.1	.6	.3											29	29	84	88
58/ 57	.1	.6	1.0	.7	.7	.8	.1											29	29	48	74
56/ 55	.3		.8		.4	.7												16	16	43	80
54/ 53		1.1	.6	.7	.3	.1												20	20	26	46
52/ 51	.1	.8	.6	.6	.6													19	19	45	39
50/ 49	.1	1.0	.8		.1													15	15	32	52
48/ 47	.3	.8	.3	.3														12	12	35	48
46/ 45		.3		.1														3	3	22	30
44/ 43			.1															1	1	5	37
42/ 41																				2	23
40/ 39																				1	20
38/ 37																					26
36/ 35																					11
34/ 33																					6
32/ 31																					9
TOTAL	1.4	10.3	10.4	9.4	12.1	14.4	12.1	9.4	7.9	4.7	3.8	1.9	1.0	.7	.3	.1			720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2777525	42597	59.2	18.920	720							
Dry Bulb	3518531	49827	69.2	9.888	720			56.1	38.9	13.6		90
Wet Bulb	2582127	42847	59.5	6.704	720			12.1				90
Dew Point	2056433	38031	52.8	8.137	720		1.1	.4				90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95														.1	.1	.1	.1	4	4		
94/ 93												.1		.3	.6	.3	.4	12	12		
92/ 91												.6	.8	.7	.4	.8	.4	27	27		
90/ 89											.6	1.3	.8	.8	.1	.6	.1	31	31		
88/ 87									.1	1.1	.6	2.4	2.6	1.0	.8			62	62		
86/ 85								.3	1.3	1.9	2.6	1.7	.7	.1		.3		64	64		
84/ 83							.1	1.7	1.3	2.6	1.8	1.4	.4	.1	.4			71	71		
82/ 81							.3	2.1	2.2	1.5	1.5	.6	.1	.7				65	65		
80/ 79						.1	2.2	1.0	1.1	.4	1.1	.1	.6					48	48		
78/ 77						1.4	1.0	.8	1.1	.1	.4	.1						36	36		
76/ 75					.6	1.3	1.1	.8	.6	.8			.1					38	38		
74/ 73				.1	.4		.4	1.0	1.0	.4	.1	.1						26	26		
72/ 71				.6	.7	.6	.4	1.0	.3	.4	.4							31	31	12	
70/ 69		.1		1.4	1.0	.6	.4	.6	.4	.4								35	35	55	
68/ 67			.6	1.1	.4	.1	.6	.7	.4	.3	.1							31	31	97	1
66/ 65			.6	.7	.6	.6	1.0	.3	.6	.1								31	31	122	7
64/ 63		.4	.3	.1	.4	.6	.4	.1	.1									18	18	99	31
62/ 61	.3	.4	.1	.3	.1	.4	.4											15	15	93	71
60/ 59		.6	.1	.7		.4	.3											15	15	52	55
58/ 57		.3	.4	.6	.7	.4												17	17	36	72
56/ 55		.1		.3	.3	.1	.1											7	7	38	55
54/ 53		.3	.4	.3		.1												8	8	34	71
52/ 51		.6	.6	.1														9	9	22	66
50/ 49	.6	.7	.6	.1														14	14	28	52
48/ 47	.4	.3																5	5	23	59
46/ 45																				7	47
44/ 43																				2	31
42/ 41																					25
40/ 39																					24
38/ 37																					10
36/ 35																					9
34/ 33																					17
32/ 31																					6
30/ 29																					8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
24/ 23																					1
22/ 21																					2
TOTAL	1.3	3.8	3.6	6.4	5.1	6.7	8.8	10.3	10.4	10.3	9.3	8.3	6.3	3.9	2.5	2.1	1.1	720	720	720	720

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1771666	32838	45.6	19.521	720							
Dry Bulb	4316576	55176	76.6	11.079	720			72.6	60.5	45.3	2.0	90
Wet Bulb	2758779	44343	61.6	6.219	720			20.5				90
Dew Point	1964246	37126	51.6	8.330	720		2.1	.1				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1		
96/ 95															.6	.4	.6	11	11		
94/ 93												.1	.4	.6	.8	1.0	.7	26	26		
92/ 91												.1	.6	.8	.8	1.3	1.0	33	33		
90/ 89										.4	.4	1.4	1.5	1.8	1.5	.6	.3	57	57		
88/ 87									.1	.6	1.0	2.9	1.7	1.0	1.3	.1		62	62		
86/ 85									1.0	2.6	2.2	1.7	1.3	.7	.4	.3		73	73		
84/ 83								2.4	2.1	1.5	1.1	1.9	1.3	.3	.1			77	77		
82/ 81							.1	1.5	1.9	.7	1.0	.6	.1	.4				46	46		
80/ 79							1.1	.1	1.0	.6	.4	.8						29	29		
78/ 77						.3	.7	1.0	.6	1.0	1.0	.1	.4					36	36		
76/ 75						.4	.7	.8	.7	.6	.3		.1					26	26		
74/ 73					.8	.7	.1	1.3	.7	.6								30	30		
72/ 71				.8	1.4	1.4	.6	1.1	.4	.8								47	47	7	
70/ 69			.3	.3	.8	.3	.6	.3	.3	.6	.4							27	27	46	
68/ 67		.1	.6	.7	1.5		.7	.7	.3									33	33	99	
66/ 65			.6	.1	.6		.3	.7	.3									18	18	116	1
64/ 63		.3	.1		.4	.1	1.1	.6										19	19	105	31
62/ 61		.3	.1		.6	.3												9	9	98	45
60/ 59	.3	.3			.3	.3	.1											9	9	75	56
58/ 57	.1	.6			.8	.1												12	12	43	69
56/ 55		.4	.3	.3	.1		.1											9	9	28	52
54/ 53		.1	.4		.1													5	5	31	62
52/ 51		.7	.4	.1														9	9	28	61
50/ 49	.3	.7	.8															13	13	28	59
48/ 47																				10	54
46/ 45	.1																	1	1	4	47
44/ 43	.3																	2	2	2	54
42/ 41																					38
40/ 39																					38
38/ 37																					14
36/ 35																					14
34/ 33																					5
32/ 31																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
[illegible] / 29																				6
2[illegible] / 27																				5
2[illegible] / 25																				2
22 / 21																				1
2[illegible] / 19																				1
TOTAL	1.1	3.5	3.6	2.4	7.5	3.9	6.3	10.4	9.3	9.9	7.8	9.7	7.4	5.6	5.6	3.6	2.6		720	720
																		720		720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1545934	30122	41.8	19.935	720							
Dry Bulb	4516138	56454	78.4	11.168	720			76.8	63.4	50.6	4.8	90
Wet Bulb	2760769	44391	61.7	5.763	720			19.0				90
Dew Point	1873704	36238	50.3	8.325	720		2.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2747 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

 1600-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
94/ 93																.1		1	1		
92/ 91														.3		.3	.1	5	5		
90/ 89											.1	.4	.3	.3	.7	.1		14	14		
88/ 87										.1	.4	.6	.7	.8	.4		.3	24	24		
86/ 85								.3	.1	.6	1.4	1.4	.4	.6	.1	.3		37	37		
84/ 83								.3	.1	1.5	1.1	1.0	1.0	.6	.3			42	42		
82/ 81						.1	.1	1.5	1.9	.7	1.4	1.1	1.0	.1				58	58		
80/ 79							1.0	1.5	1.5	.8	.7	.7	.1					46	46		
78/ 77					.1	.8	1.7	1.1	1.1	1.1	.6	.7	.3					54	54		
76/ 75					.3	1.9	1.7	1.1	.3	.8	.7	.4						52	52		
74/ 73					1.9	.6	.4	1.0	1.1	1.0	.1	.1	.1					46	46		
72/ 71			.1	1.1	1.3	1.3	1.1	.8	.8	.8	.6							55	55	3	
70/ 69			.1	1.3	1.1	1.5	.8	.6	.3	.3								43	43	15	
68/ 67		.1	1.1	.8	.8	.6	1.4	1.0	.3	.1	.1							46	46	55	1
66/ 65		1.0	1.8	1.0	1.0	.7	.1	.6	.6									48	48	103	5
64/ 63		.7	.6	.6	.6	.7	.7	.7	.3									34	34	96	20
62/ 61		.8	.4	.4	.6	.3	1.1											26	26	96	56
60/ 59		.6		.6	.3	.7		.1										16	16	91	76
58/ 57		.7	.6		.8	.6	.3	.3										23	23	63	57
56/ 55		.3		.4	.4													8	8	51	68
54/ 53		.8	.3	.3	.3													12	12	46	53
52/ 51		.6	.7	.4														12	12	30	44
50/ 49	.4	.4	1.1															14	14	35	64
48/ 47		.1																1	1	23	50
46/ 45																				10	36
44/ 43	.3																	2	2	2	48
42/ 41	.1																	1	1	1	44
40/ 39																					32
38/ 37																					32
36/ 35																					9
34/ 33																					4
32/ 31																					8
30/ 29																					8
28/ 27																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
72/ 21																					1
TOTAL	.8	6.1	6.8	6.8	9.4	9.4	10.4	10.8	8.5	7.9	7.2	6.4	3.9	2.6	1.5	.8	.4		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2126855	36231	50.3	20.552	720							
Dry Bulb	3861125	52233	72.5	9.996	720			65.4	47.4	25.4	.1	90
Wet Bulb	2592348	42994	59.7	5.898	720			9.1				90
Dew Point	1895946	36442	50.6	8.461	720		2.6	.1				90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 84/ 83										.1					.1			2	2		
82/ 81								.1	.1			.1		.3				5	5		
80/ 79							.3	.6	.4	.6	.1							14	14		
78/ 77						.3	.6	.6	1.1	.4	.4							24	24		
76/ 75					.3	1.4	1.7	1.3	1.0	.1	.4							44	44		
74/ 73					2.2	1.4	1.1	.7	.3	1.0	.1	.4						52	52		
72/ 71				1.8	2.5	1.9	1.1	.7	.8	1.1	.3							74	74		
70/ 69			.7	1.9	1.7	2.2	1.3	.4	1.1	.6								71	71		
68/ 67			1.5	1.1	1.1	1.5	1.8	1.4	.7	.1								67	67	12	
66/ 65		1.3	2.9	1.0	1.4	.6	1.4	.6	.1	.1								67	67	66	
64/ 63		2.5	2.4	.6	1.3	.7	.3	.3	.1									58	58	88	25
62/ 61		2.1	.6	1.4	1.5	1.3	1.7	.1										62	62	103	64
60/ 59	.4	1.5	1.3	1.4	1.4	.1	.8											50	50	86	82
58/ 57		.4	.8	.6	.7	.4	.1	.1										23	23	52	73
56/ 55	.1	1.0	.8	.7	.8	.3	.7											32	32	82	44
54/ 53	.1	.8	.6	.4	1.0	.3												23	23	71	56
52/ 51		1.3	.3	.6	.4													18	18	45	61
50/ 49	.1	1.3	.4	.3		.1												16	16	38	55
48/ 47	.1	.8	.6															11	11	38	48
46/ 45		.3	.3															4	4	22	44
44/ 43																				12	44
42/ 41	.3																	2	2	4	25
40/ 39	.1																	1	1	1	41
38/ 37																					25
36/ 35																					10
34/ 33																					4
32/ 31																					12
30/ 29																					7
TOTAL	1.4	13.2	13.1	11.7	16.3	12.5	12.8	6.8	5.8	4.2	1.4	.6		.3	.1			720	720		720

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3071298	45054	62.6	18.723	720							
Dry Bulb	3135326	47168	65.5	7.937	720			44.1	17.6	1.6		90
Wet Bulb	2390076	41252	57.3	6.078	720			1.5				90
Dew Point	1928620	36786	51.1	8.269	720		2.4					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) SEP (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																	.0	1	1		
96/ 95														.0	.1	.1	.1	15	15		
94/ 93												.0	.1	.1	.2	.2	.1	39	39		
92/ 91												.1	.2	.2	.2	.3	.2	66	66		
90/ 89										.1	.1	.4	.3	.4	.3	.2	.1	105	105		
88/ 87									.0	.2	.3	.8	.6	.4	.3	.0	.0	154	154		
86/ 85								.1	.3	.7	.9	.6	.3	.2	.1	.1		184	184		
84/ 83							.0	.6	.5	.9	.6	.6	.4	.1	.1			222	222		
82/ 81						.0	.1	.8	1.0	.5	.5	.3	.2	.2				211	211		
80/ 79						.1	.8	.6	.7	.3	.4	.2	.1	.0				186	186		
78/ 77					.0	.6	.7	.8	.6	.5	.3	.2	.1					219	219		
76/ 75				.0	.3	1.0	1.0	.7	.5	.3	.2	.1	.0					238	238		
74/ 73				.1	1.2	.6	.6	.7	.5	.4	.1	.1	.0					249	249		
72/ 71			.0	1.2	1.1	1.1	.7	.6	.4	.4	.2							331	331	26	
70/ 69		.1	.4	1.6	1.4	1.0	.7	.3	.4	.2	.1							356	356	137	
68/ 67		.1	1.7	1.5	1.2	.7	.7	.7	.3	.1	.1							414	414	348	5
66/ 65		1.0	2.3	1.2	1.4	.5	.6	.5	.3	.1								453	453	608	27
64/ 63	.0	1.9	1.6	.7	.8	.5	.6	.4	.1									386	386	674	246
62/ 61	.3	2.5	.9	.9	.9	.6	.7	.1										400	400	788	490
60/ 59	.2	1.5	.9	.9	.8	.6	.3	.1										306	306	634	607
58/ 57	.1	1.5	1.3	.8	.7	.5	.2	.1										298	298	449	544
56/ 55	.2	1.0	.8	.5	.5	.4	.2											207	207	426	534
54/ 53	.0	1.2	1.1	.5	.4	.2												195	195	411	447
52/ 51	.1	1.2	.7	.6	.2	.1												165	165	380	412
50/ 49	.2	1.6	.9	.3	.1	.1												178	178	300	484
48/ 47	.1	.8	.5	.1	.0													89	89	261	400
46/ 45	.1	.4	.2	.2	.0													47	47	163	334
44/ 43	.1	.2	.1	.1														28	28	83	319
42/ 41	.1	.1																11	11	41	258
40/ 39	.0	.0	.0	.0														6	6	23	235
38/ 37	.0																	1	1	5	165
36/ 35																				3	76
34/ 33																					58
32/ 31																					60

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
30/ 29																					40
28/ 27																					10
26/ 25																					3
24/ 23																					1
22/ 21																					4
20/ 19																					1
TOTAL	1.5	15.1	13.5	11.3	11.2	8.6	7.9	6.8	5.7	4.7	3.7	3.4	2.3	1.6	1.2	.8	.5	5760	5760	5760	5760

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	23845677	347895	60.4	22.181	5760							
Dry Bulb	27375381	391589	68.0	11.439	5760			373.7	236.1	136.6	6.9	720
Wet Bulb	19845336	335864	58.3	6.735	5760			63.9				720
Dew Point	15641566	296434	51.5	8.185	5760		14.9	.6				720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75													.1					1	1		
74/ 73						.1												1	1		
72/ 71				.1	.1		.1				.1							4	4		
70/ 69			.1	.1			.1	.1										4	4		
68/ 67				.4	.4	.7	.4		.3									16	16		
66/ 65			.1	.1		.4	.4	.3										10	10	3	
64/ 63		.4	.9	1.2	.4	.7	.3	.4										32	32	2	
62/ 61		.1	.3	.8	.8	.3	1.2	.4	.7									34	34	11	4
60/ 59	.1	1.2	.3	1.2	1.2	.8	.8	1.2	.1									52	52	14	11
58/ 57	.4	1.5	1.2	1.3	.5	1.7	.7	1.5		.1								67	67	31	14
56/ 55	.4	1.5	1.2	1.3	.7	1.6	2.4	.7	.1									74	74	39	24
54/ 53	.1	1.1	3.2	1.3	1.2	2.7	1.2	.1	.1									83	83	41	24
52/ 51	.4	1.5	1.6	1.7	1.7	1.1	.7	.3										67	67	58	30
50/ 49		1.2	2.2	1.6	.9	2.0	.4	.3										64	64	68	36
48/ 47	.3	1.1	1.3	.7	1.3	1.1	.3											45	45	62	53
46/ 45	.1	.9	.5	.4	1.5	.4												29	29	85	53
44/ 43		.4	.9	1.2	1.1	.7												32	32	73	29
42/ 41	.1	.5	.8	1.7	.8	.1												31	31	53	38
40/ 39	.1	1.5	.8	1.6	.5	.4												37	37	37	34
38/ 37		.3	.3	.4	.3	.3												11	11	55	46
36/ 35	.1	.7	.1	.4	.3													12	12	32	48
34/ 33	.4	.9	.8	.4														19	19	31	40
32/ 31	.3	.9	.1	.3														12	12	17	69
30/ 29		.5																4	4	20	55
28/ 27			.1															1	1	7	39
26/ 25			.3															2	2	2	33
24/ 23																				3	9
22/ 21																					16
20/ 19																					15
18/ 17																					9
16/ 15																					7
14/ 13																					6
12/ 11																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.0	16.3	17.3	18.5	13.8	15.1	9.0	5.2	1.3	.1	.1		.1					744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3256657	47053	63.2	19.443	744							
Dry Bulb	2035180	38358	51.6	8.803	744		2.4	3.3	.3			93
Wet Bulb	1569952	33648	45.2	8.054	744		6.1					93
Dew Point	1173374	28446	38.2	10.744	744		32.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
7 /69			.1															1	1		
6 /67			.3				.1											3	3		
6 /65		.1		.3	.3	.5	.4		.1									13	13	1	
4 /63		.4	.5	.4	.7	.1		.1										17	17	3	
2 /61		.4	.7	1.2	.3	.3	.4	.1										25	25	4	6
0 /59	.4	1.5	.9	1.5	.7	.3	.3	.3										43	43	17	5
8 /57	.4	.9	1.3	.7	.5	.7	.3	.3										38	38	25	17
6 /55	.1	.7	1.1	.3	.9	.7	1.5	.5	.1									44	44	34	24
4 /53	.1	2.8	2.3	1.5	.9	1.5	.9	.1	.3									78	78	33	19
2 /51	.5	1.7	2.4	3.6	2.6	1.2	.5	.1										95	95	54	36
0 /49		1.1	1.1	1.1	2.4	1.3												52	52	38	44
8 /47	.3	2.6	2.7	2.2	1.9	1.1	.5											83	83	57	21
6 /45	.1	1.9	.8	2.0	1.7	.4												52	52	78	50
4 /43		.5	.5	2.0	1.1	.4												34	34	85	47
2 /41		.5	1.1	1.6	.9	.3												33	33	58	42
0 /39		1.1	1.3	1.2	.7													32	32	50	25
9 /37	.5	.9	1.5	.9	.5													33	33	59	45
6 /35	.5	1.5	.7	.7	.1													26	26	45	50
4 /33	.3	.8	.1	.5	.1													14	14	40	61
2 /31		.9	.4	.4														13	13	29	65
0 /29	.3	.9	.1															10	10	13	41
8 /27		.3																2	2	14	51
6 /25																				4	30
4 /23		.4																3	3	1	5
2 /21																				2	21
0 /19																					19
8 /17																					9
6 /15																					7
4 /13																					4
TOTAL	3.6	22.0	20.0	22.0	16.4	8.7	5.0	1.6	.5										744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3679389	50563	68.0	18.087	744							
Dry Bulb	1838377	36441	49.0	8.486	744		3.5	.5				93
Wet Bulb	1479395	32619	43.8	8.145	744		7.9					93
Dew Point	1155650	28248	38.0	10.578	744		31.5					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.4	.1														4	4		
66/ 65		.1	.3															3	3		
64/ 63			.1	.4		.4		.1	.1									9	9	4	
62/ 61		1.1	.3	1.3	.4			.3	.1									26	26	3	4
60/ 59		1.5	.5	.8	.3	.1	.4	.1	.1									29	29	10	3
58/ 57	.5	1.6	.8	.8	.4	.4	.3	.1										37	37	26	20
56/ 55	.3	1.5	1.5	.5	.4	.7	.5	.1										41	41	32	17
54/ 53	.4	2.6	1.6	1.6	1.1	2.2	.4	.1										74	74	27	27
52/ 51	.5	1.6	2.4	3.1	1.5	1.5	.8											85	85	48	33
50/ 49	.1	.8	2.3	2.0	2.2	1.1	.1	.1										65	65	40	38
48/ 47	.4	2.3	2.6	2.2	2.2	.5	.5											79	79	49	24
46/ 45	.3	3.0	1.9	1.3	1.5	.4												62	62	84	44
44/ 43	.1	.9	2.0	3.4	1.7	.5												65	65	79	42
42/ 41		1.1	.7	1.9	.9	.5												38	38	70	49
40/ 39		.7	.7	1.2	.4													22	22	57	38
38/ 37	.8	1.1	1.5	.4	.1													29	29	58	46
36/ 35	.5	1.5	.9	.9														29	29	60	47
34/ 33	.3	.5	.4	.3														11	11	35	59
32/ 31	.3	.9	.7	.4														17	17	22	63
30/ 29	.1	.7	.4															9	9	17	54
28/ 27	.3	.4	.3															7	7	12	34
26/ 25		.3																2	2	7	26
24/ 23																				3	15
22/ 21		.1																1	1	1	31
20/ 19																					17
18/ 17																					8
16/ 15																					3
14/ 13																					2
TOTAL	5.0	24.2	22.2	22.7	13.0	8.3	3.1	1.1	.4									744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3883691	52071	70.0	17.948	744							
Dry Bulb	1762948	35706	48.0	8.150	744		4.5	.5				93
Wet Bulb	1443292	32228	43.3	7.976	744		7.8					93
Dew Point	1144955	28157	37.8	10.334	744		31.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 85															.3			2	2		
82/ 81											.1			.3				3	3		
80/ 79								.1		.4		.4	.3	.1				10	10		
78/ 77								.1		.1	.1	.8	.1					10	10		
76/ 75						.3	.1	.3	.3	.8	.3	.9	.1					23	23		
74/ 73					.1		.5	.4	.1	.5	.9	.1						21	21		
72/ 71				.1	.1	.3	.9	.9	.4	.8	.8	.1						34	34		
70/ 69				.7	.1	.3	.7	.5	1.1	1.2	.9							41	41		
68/ 67				.4	1.1	.8	1.5	1.1	.7	.9	.3							50	50		
66/ 65			.3	.5	.6	.8	.8	.4	.9	1.2								43	43	7	
64/ 63			.5	1.3	.9	.8	1.1	.4	1.6	.4	.1							54	54	10	
62/ 61		.5	.3	1.2	.8	1.3	.8	2.0	1.6	.3								66	66	22	5
60/ 59		.7	.5	1.3	.8	.5	1.1	1.1	.5									49	49	41	14
58/ 57		.5	.4	.7	.5	1.2	1.5	1.2	.1									46	46	52	17
56/ 55		1.3	1.1		.7	1.2	1.3	.8										48	48	63	19
54/ 53	.1	.8	.7	.9	1.1	.8	1.1	.4										44	44	88	36
52/ 51	.1	.1	1.2	.9	1.1	1.5	.9	.3										46	46	65	35
50/ 49	.3	1.1	.8	1.1	.8	.8	.7											41	41	55	42
48/ 47	.4	.3	.1	1.6	.7	.7												28	28	80	40
46/ 45	.3	.4	.5	.4	.5	.5	.1											21	21	64	51
44/ 43			.3	.4	.3	.3												9	9	61	31
42/ 41		.4	.1	.8	.3													12	12	34	35
40/ 39		.3	.3	.4	.3													9	9	26	38
38/ 37	.5		.8	.3	.3													14	14	25	68
36/ 35	.5			.3														6	6	20	59
34/ 33		.5																4	4	10	49
32/ 31	.8		.5															10	10	14	66
30/ 29																				4	42
28/ 27																				3	38
26/ 25																					21
24/ 23																					10
22/ 21																					13
20/ 19																					10
18/ 17																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.1	7.0	8.5	13.4	11.3	12.1	13.2	10.1	7.4	6.7	3.6	2.4	.5	.4	.3			744	744	744	744

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	2405442	39244	52.7	21.247	744							
Dry Bulb	2676278	43922	59.0	10.591	744		1.3	24.3	8.6	1.0		93
Wet Bulb	1845360	36610	49.2	7.686	744		2.6					93
Dew Point	1242286	29482	39.6	9.981	744		25.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																.1		1	1		
92/ 91																.3	.3	4	4		
90/ 89													.1	.1		.4		5	5		
88/ 87												.1	.1	.3	.7	.7		14	14		
86/ 85										.1	.1		.4	.5	1.1	.3		19	19		
84/ 83										.3	.4	.7	.5	.8	.7	.3		27	27		
82/ 81								.1	.1	.1	.3	.9	1.2	2.4	.1			40	40		
80/ 79									.3	.4	1.3	.9	2.2	1.1		.1		47	47		
78/ 77							.3	.3	.3	1.1	1.5	1.6	.1	.4				41	41		
76/ 75						.3	.5	.5	1.3	.7	.8	.5	.8					41	41		
74/ 73					.4	.7	.7	.9	1.3	.7	1.1	1.7	.3					58	58		
72/ 71					.4	.9	.4	.5	2.3	1.3	1.5	1.2						64	64		
70/ 69				.1	.4	.4	.9	.7	1.2	1.9	.9	.4						52	52	1	
68/ 67				.1	.4	.7	.4	.8	.5	1.3	.7							37	37	3	
66/ 65					.5	.4	.4	.9	.4	1.7	.5							37	37	15	
64/ 63			.1	.1	.4	.3	.7	1.1	1.1	.9	.4							38	38	33	1
62/ 61		.3	.3	.3	.4	.4	.9	.3	1.2	.4								33	33	35	3
60/ 59		.7	.3	.3		.4	.9	1.6	.4	.1								35	35	89	14
58/ 57		.3	.7	.1	.3	.7	.9	.8	.1									29	29	87	17
56/ 55		.4	.1	.1	.1	.5	.1	.5	.4									18	18	94	24
54/ 53		.3	.1		.4	.7	.4	.3										16	16	62	17
52/ 51		.7	.5	.3	.1		.1	.5										17	17	77	34
50/ 49		.5	.7	.1		.3	.5	.4										19	19	56	39
48/ 47		.7		.4	.1	.3	.1											12	12	44	30
46/ 45			.1		.5	.3												7	7	56	42
44/ 43					.7	.1												6	6	25	38
42/ 41				.3	.1	.3												5	5	6	48
40/ 39		.3	.4		.1													6	6	12	58
38/ 37	.1				.1													2	2	18	53
36/ 35	.7																	5	5	16	62
34/ 33	.4	.7																8	8	7	41
32/ 31	.1																	1	1	8	71
30/ 29																					44
28/ 27																					39

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 25																					24
24/ 23																					10
[illegible] 21																					12
[illegible] 19																					12
18/ 17																					6
16/ 15																					3
14/ 13																					1
12/ 9																					1
TOTAL	1.3	4.7	3.4	2.3	5.6	7.5	8.5	10.3	11.0	11.2	9.5	8.2	5.8	5.6	2.6	2.2	.3	744	744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	1448589	28985	39.0	20.733	744							
Dry Bulb	3558574	50658	68.1	12.131	744		.1	56.3	37.1	16.9	.1	93
Wet Bulb	2114729	39277	52.8	7.449	744		1.0	.5				93
Dew Point	1200417	28943	38.9	10.012	744		27.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION — AMARILLO MAP TX STATION NAME — 73-80 YEARS — OCT MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb Dew Point
96/ 95																	.1	1	1	
94/ 93																	.8	6	6	
92/ 91																.1	.1	2	2	
90/ 89													.3		.5	.7		11	11	
88/ 87												.1	.1	.3	.8	.8	.3	18	18	
86/ 85											.4	.3	.5	.7	2.2	.5	.1	35	35	
84/ 83											.4		.9	.7	1.7	.1	.3	31	31	
82/ 81									.1	.1		.5	1.6	3.0	.4			43	43	
80/ 79								.1	.4	.1	1.1	1.1	2.0	.9	.3			45	45	
78/ 77								.7	.9	1.1	1.2	1.7	1.9	.7				61	61	
76/ 75						.4	1.2	1.1	.9	.7	.8	2.0	1.3	.1	.1			65	65	
74/ 73						.3	.1	.8	.8	2.7	.8	1.3	.1	.1				53	53	
72/ 71						.1	.9	.4	1.3	1.9	.8	.4	.1					45	45	
70/ 69					.3	.4	.9	.7	.7	.5	1.2	1.2						44	44	
68/ 67				.1	.5	.3	.1	.1	.4	1.7	1.5	.1						37	37	1
66/ 65				.3		.1	1.1	.7	.9	.5	.9							34	34	14
64/ 63					.1	.4	.5	.3	.7	.4	.4							21	21	29
62/ 61				.4	.1	.5	.7	.9	2.0	.1								36	36	39 2
60/ 59			.3	.1	.3	.1	.5	1.3	1.1	.4								31	31	88 3
58/ 57		1.3	.1	.4	.3	.3	.1	.1	.1	.4								24	24	88 11
56/ 55		.4	.1	.1	.3	.1		.1										9	9	114 23
54/ 53		.3		.1	.1		.1	.9	.3									14	14	81 25
52/ 51		.9	.3	.4	.3	.3		.5										20	20	59 35
50/ 49			.8	.4		.3	.4											14	14	54 27
48/ 47		.4	.1		.3	.7												11	11	54 27
46/ 45		.3		.1		.5												7	7	42 39
44/ 43				.7	.3	.4												10	10	17 38
42/ 41				.1														1	1	7 46
40/ 39		.4																3	3	20 56
38/ 37																				18 52
36/ 35	.7	.1																6	6	10 58
34/ 33	.1	.5																5	5	4 44
32/ 31		.1																1	1	5 80
30/ 29																				6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
2 / 27																					19
26/ 25																					25
24/ 23																					17
22/ 21																					21
20/ 19																					14
18/ 17																					9
16/ 15																					7
14/ 13																					2
12/ 9																					1
TOTAL	.8	4.8	1.7	3.4	2.8	5.2	6.9	8.9	10.8	10.8	9.5	8.9	9.0	6.5	6.0	2.3	1.7		744		744
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1223392	26110	35.1	20.330	744							
Dry Bulb	3768689	52171	70.1	12.186	744		.1	62.1	46.4	21.4	.9	93
Wet Bulb	2136309	39521	53.1	7.054	744		.6	.1				93
Dew Point	1124736	27954	37.6	10.009	744		32.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-8/ 87															.1	.1		2	2		
-6/ 85												.1		.1				2	2		
-4/ 83										.1			.3		.3			5	5		
-2/ 81										.1	.1	.1	.3	.4				8	8		
[illegible]/ 79										.1		.4	.4	.5				11	11		
78/ 77							.1	.1	.1		.1	1.1	.5	.3				18	18		
76/ 75							.3	.4	.1	.4	.9	1.2	.7					30	30		
74/ 73						.3	.3	.5	1.1	.4	.7	1.3						34	34		
72/ 71				.1		.5	.4	.5	.7	.7	1.7	.5	.1					40	40		
70/ 69			.1	.1	.1	.7	.8	.9	1.1	.9	1.3	.4						49	49		
68/ 67			.4	.1	1.5	.8	.7	1.1	1.3	1.9	.7							63	63		
66/ 65				.3	.8	.5	1.1	1.9	1.2	2.4	.7							66	66	7	
64/ 63			.3	.7	.4	.9	.8		1.9	.1	.4							41	41	11	
62/ 61		.1	.4	.5	.5	.9	.9	.8	2.2	.7	.1							54	54	19	5
60/ 59		.3	.3	.9	.3	1.3	1.5	1.9	.3	.7								55	55	35	2
58/ 57	.1	.8	.5	.5	.7	.8	.4	1.7	.1									43	43	55	14
56/ 55		1.2	.5	.4	.5	.8	1.1	.7	.4									42	42	68	29
54/ 53		.4	.4	.3	.1	.8	1.7	.8	.3									36	36	84	29
52/ 51		.7	.4	.4	.4	.5	.1	.7										24	24	82	28
50/ 49		.7	.5	.1	.7	.8	1.2	.1										31	31	74	24
48/ 47		.9	.1	.3	.5	.3	.3	.1										19	19	72	31
46/ 45		.1	.3	.4	.9	.1	.3											16	16	58	38
44/ 43		.3	.3	.7	.4	.7												18	18	47	36
42/ 41		.7		.3	.3	.1												10	10	36	46
40/ 39			.1	.1	.1	.4												6	6	33	54
38/ 37		.4	.1	.1														5	5	19	31
36/ 35	.4		.1															4	4	17	46
34/ 33	.4	.5																7	7	14	50
32/ 31		.4		.3														5	5	9	83
30/ 29																				2	68
28/ 27																				1	39
26/ 25																				1	16
24/ 23																					13
22/ 21																					17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
20/ 19																					23
18/ 17																					6
16/ 15																					13
14/ 13																					3
TOTAL	.9	7.7	5.0	6.7	8.3	11.4	12.0	12.4	10.8	8.6	6.9	5.2	2.3	1.3	.4	.1		744	744	744	744

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1872308	33758	45.4	21.410	744							
Dry Bulb	2900150	45764	61.5	10.707	744		.6	32.8	13.8	2.8		93
Wet Bulb	1861519	36807	49.5	7.393	744		1.6					93
Dew Point	1124838	27856	37.4	10.498	744		35.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23147 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
76/ 75						.3			.3									4	4		
74/ 73					.1	.1	.1	.3	.1	.1								7	7		
72/ 71					.1		.1	.3	.1	.1	.1							7	7		
70/ 69					.1		.3	.3	.3	.4								10	10		
68/ 67					.4	.3	.4	.1	.8	.3	.1							18	18		
66/ 65		.1	.4	1.1	.8	.7	.9	.7	.8	.9								48	48	3	
64/ 63		.1	.3	1.1	.7	1.3	.4	.9	1.3									46	46	7	
62/ 61		.4	.8	.1	1.3	1.1	1.5	1.6	1.6	.4								66	66	8	9
60/ 59		1.6	.4	.5	1.7	1.1	.9	3.9	.7	.1								82	82	26	3
58/ 57	.4	.8	.9	1.6	1.6	.7	1.6	1.1	.1									66	66	33	18
56/ 55	.1	1.5	1.2	.8	.9	.8	2.7	.8	.3									68	68	37	32
54/ 53		.7	1.2	1.6	1.1	1.5	1.5	.7	.1									62	62	51	18
52/ 51	.4	1.2	1.1	.9	.4	.8	.5	.5										44	44	89	18
50/ 49		.5	.8	.4	.9	1.1	1.2		.1									38	38	56	41
48/ 47		1.5	.3	.7	.5	1.2	.9											38	38	79	45
46/ 45		.5	.5	.7	1.9	1.1	.1											36	36	88	43
44/ 43		.1	.7	.7	.8	.4	.1											21	21	56	45
42/ 41		1.1	.8	.8	.1	.7												26	26	39	30
40/ 39		.5	.3	.3	.5	.4												15	15	46	33
38/ 37		.3	.3	.5	.5													12	12	43	40
36/ 35		.9	.1	.3	.1													11	11	24	51
34/ 33	.4	.4	.7															11	11	24	35
32/ 31		.7																5	5	19	79
30/ 29																				12	62
28/ 27			.4															3	3	1	32
26/ 25																					29
24/ 23																				3	13
22/ 21																					25
20/ 19																					16
18/ 17																					10
16/ 15																					6
14/ 13																					9
12/ 11																					1
6/ 5																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.3	13.0	11.2	12.1	14.9	13.4	13.4	11.2	6.7	2.4	.3							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2669160	41796	56.2	20.791	744							
Dry Bulb	2291097	40739	54.8	9.013	744		1.0	5.8	1.4			93
Wet Bulb	1659874	34660	46.6	7.800	744		4.4					93
Dew Point	1149448	28068	37.7	11.040	744		35.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.0	1	1		
94/ 93																.0	.1	7	7		
92/ 91																.1	.1	6	6		
90/ 89													.1	.0	.1	.1		16	16		
88/ 87												.0	.0	.1	.2	.2	.0	34	34		
86/ 85										.0	.1	.1	.1	.2	.4	.1	.0	58	58		
84/ 83										.1	.1	.1	.2	.2	.3	.1	.0	63	63		
82/ 81								.0	.0	.1	.1	.2	.4	.8	.1			94	94		
80/ 79								.0	.1	.1	.3	.4	.6	.3	.0	.0		113	113		
78/ 77							.1	.2	.2	.3	.4	.7	.3	.2				130	130		
76/ 75						.2	.3	.3	.4	.3	.4	.6	.4	.0	.0			164	164		
74/ 73					.1	.2	.2	.4	.4	.6	.4	.6	.1	.0				174	174		
72/ 71				.1	.1	.2	.4	.3	.6	.6	.6	.3	.0					194	194		
70/ 69			.1	.1	.1	.2	.5	.4	.5	.6	.6	.3						201	201	1	
68/ 67			.1	.2	.5	.4	.5	.4	.5	.8	.4	.0						228	228	4	
66/ 65		.1	.1	.3	.4	.4	.6	.6	.6	.9	.3							254	254	50	
64/ 63		.1	.4	.7	.5	.6	.5	.4	.8	.2	.2							258	258	99	1
62/ 61		.4	.4	.7	.6	.6	.8	.8	1.2	.2	.0							340	340	141	38
60/ 59	.1	.9	.4	.8	.7	.6	.8	1.4	.4	.2								376	376	320	55
58/ 57	.2	1.0	.8	.8	.6	.8	.7	.9	.1	.1								350	350	397	128
56/ 55	.1	1.1	.9	.5	.6	.8	1.2	.5	.2									344	344	481	192
54/ 53	.1	1.1	1.2	.9	.8	1.3	.9	.4	.1									407	407	467	195
52/ 51	.3	1.1	1.2	1.4	1.0	.9	.5	.4										398	398	532	249
50/ 49	.1	.7	1.1	.9	1.0	1.0	.6	.1	.0									324	324	441	291
48/ 47	.2	1.2	.9	1.0	.9	.7	.3	.0										315	315	497	271
46/ 45	.1	.9	.6	.7	1.1	.5	.1											230	230	555	360
44/ 43	.0	.3	.6	1.1	.8	.4	.0											195	195	443	306
42/ 41	.0	.5	.4	.9	.4	.3												156	156	303	334
40/ 39	.0	.6	.5	.6	.3	.2												130	130	281	336
38/ 37	.3	.4	.6	.3	.2	.0												106	106	295	381
36/ 35	.4	.6	.3	.3	.1													99	99	224	421
34/ 33	.3	.6	.3	.2	.0													79	79	165	379
32/ 31	.2	.5	.2	.2														64	64	123	576
30/ 29	.1	.3	.1															23	23	68	429

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) OCT (MONTH)

 ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
2 /27	.0	.1	.1															13	13	38	291
26/25		.0	.0															4	4	14	204
24/23		.1																3	3	10	92
22/21		.0																1	1	3	156
20/19																					126
18/17																					62
16/15																					46
14/13																					27
12/11																					3
10/9																					2
8/5																					1
TOTAL	2.4	12.5	11.2	12.7	10.8	10.2	8.9	7.6	6.1	5.0	3.7	3.1	2.2	1.7	1.2	.6	.3		5952		5952
																		5952		5952	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	20438628	319580	53.7	23.475	5952							
Dry Bulb	20831293	343759	57.8	12.816	5952		13.5	185.4	107.5	42.0	1.0	744
Wet Bulb	14110430	285370	47.9	8.484	5952		32.0	.6				744
Dew Point	9315704	227154	38.2	10.423	5952		251.9					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63											.1							1	1		
62/ 61				.1							.1							2	2		
60/ 59			.6				.1	.1	.1									7	7		
58/ 57		.4	.3	.1	.1	.1	.6	.1		.1								14	14	1	
56/ 55		.4	.1	.1	.4	.1	.4		.1									13	13	9	1
54/ 53		.4	1.3	.6	.7	.3	1.3	.3	.1									33	33	4	11
52/ 51	.3	.4	1.1	.4	.7	.6	.1	.1										27	27	9	3
50/ 49	.1	.7	.7		1.0	.4	.1	.1										23	23	16	9
48/ 47	.6	2.2	1.1	.7	1.3	1.4	.1	.3										55	55	30	17
46/ 45	.3	3.1	.6	.7	.7	.7												43	43	42	23
44/ 43		2.1	1.4	1.4	.3	.8	.7											48	48	45	28
42/ 41	.4	1.9	1.5	1.1	1.5	1.0	.4											57	57	41	30
40/ 39	.6	1.1	1.9	1.4	1.5	.3												49	49	48	22
38/ 37	.3	1.9	1.7	1.5	1.3	.7												53	53	49	30
36/ 35	.4	2.1	1.9	1.5	.1													44	44	53	35
34/ 33	1.3	3.1	1.5	.7	.6	.1												50	50	71	25
32/ 31	1.9	3.2	2.5	.1	1.0													63	63	74	76
30/ 29	.8	2.1	1.5		.3													34	34	64	58
28/ 27	1.1	1.5	1.0	.3	.1													29	29	48	42
26/ 25		1.5	1.1															19	19	23	49
24/ 23		.4	.3															5	5	32	28
22/ 21	.6	1.5	.8															21	21	18	38
20/ 19	.3	.7	.3															9	9	14	55
18/ 17	.4	.1																4	4	12	35
16/ 15	.6	.1																5	5	5	34
14/ 13	.1	.3																3	3	1	19
12/ 11	.3	.1																3	3	5	7
10/ 9																					12
8/ 7	.4	.3																5	5	5	11
6/ 5	.1																	1	1	1	6
4/ 3																					9
2/ 1																					7
TOTAL	10.6	31.8	23.2	10.8	11.5	6.5	3.6	1.1	.4	.1	.3							720	720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3795594	50150	69.7	20.512	720							
Dry Bulb	1154482	27872	38.7	10.249	720		25.1					90
Wet Bulb	924700	24962	34.7	9.080	720		37.8					90
Dew Point	671825	20439	28.4	11.288	720		60.8					90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION — AMARILLO MAP TX STATION NAME — 73-80 YEARS — NOV MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5[illegible]/ 57		.4					.3											5	5		
5[illegible]/ 55		.8				.1	.1	.3										10	10	4	1
5[illegible]/ 53		.6	.1	.1	.3	.3	.4	.1										14	14	5	6
5[illegible]/ 51	.4	.6	1.1	.6	.4	.6	.1	.1										28	28	8	7
5[illegible]/ 49	.6	.6	.4	.3	.6	.1	.1	.3										21	21	12	8
4[illegible]/ 47	.4	1.4	1.4	.4	.6	.8	.4											39	39	17	10
4[illegible]/ 45		3.1	1.0	.6	.3	.6	.1	.1										41	41	31	12
44/ 43	.7	2.2	.8	1.5	1.0	.6												49	49	45	31
42/ 41	.3	2.2	2.1	1.3	.6	1.0												53	53	33	29
4[illegible]/ 39	1.1	2.4	2.4	.7	1.8	.3	.1											63	63	51	28
3[illegible]/ 37	.6	1.8	1.8	1.4	1.1	.4												51	51	52	29
3[illegible]/ 35	.6	2.9	.8	1.7	.4													46	46	60	30
3[illegible]/ 33	1.8	2.8	1.9	.8	.3													55	55	66	39
[illegible]2/ 31	1.3	4.3	1.9	.3	1.0													63	63	63	64
3[illegible]/ 29	1.0	2.1	2.6	.1	.4													45	45	69	62
2[illegible]/ 27	1.8	2.1	1.5		.3													41	41	57	50
[illegible]6/ 25	.1	2.8	1.3	.6														34	34	38	33
24/ 23		1.0	.1	.3														10	10	35	33
[illegible]2/ 21	.1	.6	.1															6	6	20	52
[illegible]/ 19	.6	.8	.8															16	16	14	55
1[illegible]/ 17	1.0	.7																12	12	19	35
16/ 15		.4																3	3	6	34
14/ 13	.4	.1																4	4	3	14
12/ 11		.4																3	3	3	9
1[illegible]/ 9	.1	.4																4	4	2	15
[illegible]/ 7	.1	.1																2	2	4	10
6/ 5		.3																2	2	2	9
4/ 3																				1	4
2/ 1																					6
0/ -1																					4
-2/ -3																					1
TOTAL	12.9	37.8	22.4	10.6	8.9	4.7	1.8	1.0											720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4102083	52539	73.0	19.316	720							
Dry Bulb	1033579	26375	36.6	9.683	720		30.6					90
Wet Bulb	856165	23987	33.3	8.906	720		42.0					90
Dew Point	644839	20021	27.8	11.070	720	.6	61.3					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 2/ 61								.1										1	1		
6 0/ 59									.1									1	1		
58/ 57								.1										1	1		
56/ 55	.3	.3	.1				.1	.1										7	7	3	3
54/ 53	.4	1.1	.4		.1	.1		.3										18	18	5	3
52/ 51	.1	.3	.3	.6	.7	.6	.1											19	19	12	8
50/ 49	.4	.6	.7	.3	.4	.3												19	19	7	9
48/ 47	.4	.7	1.1	.6	.4	.4	.1											27	27	10	8
46/ 45	.6	3.1	.1	.7	.6	.3	.1											39	39	28	10
44/ 43	.1	2.6	1.0	.7	.4	.6												39	39	41	20
42/ 41	.1	1.4	2.4	1.1	.6	.4	.4											46	46	34	40
40/ 39	.8	1.8	1.5	1.7	1.1	.1												51	51	31	18
38/ 37	.6	2.6	1.3	1.5	1.3	.4												55	55	55	20
36/ 35	1.3	3.6	1.8	2.8	.8	.1												75	75	57	33
34/ 33	1.4	2.9	1.7	1.4	.7													58	58	67	42
32/ 31	1.1	4.4	1.0	.1														48	48	56	66
30/ 29	1.8	4.3	1.8	.6														61	61	93	48
28/ 27	1.8	2.8	.8	.7														44	44	72	59
26/ 25	.1	2.4	2.1	.3														35	35	29	55
24/ 23		1.1	.1															9	9	31	25
22/ 21	.1	1.4	.3															13	13	26	51
20/ 19	.3	.8	.7															13	13	10	52
18/ 17	1.3	1.3	.3															20	20	20	36
16/ 15	.3	.1																3	3	13	39
14/ 13	.3	.4																5	5	7	8
12/ 11	.3	.1																3	3	3	11
10/ 9	.3	.1																3	3	2	23
8/ 7	.3	.1																3	3	4	15
6/ 5	.1	.1																2	2	2	6
4/ 3	.1																	1	1	1	3
2/ 1	.1																	1	1	1	2
0/ -1																					7
TOTAL	14.9	40.6	19.4	12.9	7.1	3.3	1.0	.7	.1									720	720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4234420	53608	74.5	18.384	720							
Dry Bulb	973414	25524	35.5	9.767	720		33.0					90
Wet Bulb	816611	23365	32.5	9.011	720		46.3					90
Dew Point	622485	19657	27.3	10.925	720	.9	63.3					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75													.3					2	2		
72/ 71											.3	.1						3	3		
70/ 69											.1	.3						3	3		
68/ 67					.1		.1			.1	.3							5	5		
66/ 65				.1				.1	.3	.4	.1							8	8		
64/ 63				.3	.1	.1	.3	.4	.3	.1	.3							14	14		
62/ 61			.1	.1	.4		.1	.4	.1		.1							11	11		
60/ 59	.1	.1	.3	.3	.4	.1	1.1	.7	1.4	.3								35	35	4	1
58/ 57	.3		.3		.4	.3	.7	.4	.3	.4								22	22	5	2
56/ 55		.7	.7	.3	.4	.4	.8	1.0	.3									33	33	8	5
54/ 53	.1	.6	.7	.8	.6	1.8	1.5	.6	.3									50	50	16	9
52/ 51	.1	.4	.7	.7	.7	.8	1.4	.6	.1									40	40	22	6
50/ 49	.1	.1	1.3	.7	1.0	.8	1.1	.3										39	39	26	13
48/ 47	.3	1.3	1.1	1.4	.6	1.1	.4	.4										47	47	34	7
46/ 45	.3	1.3	.4	1.0	.7	1.4	.6											40	40	58	15
44/ 43	.8	1.1	1.3	1.9	1.7	.7	.3											56	56	67	37
42/ 41	.1	1.4	.8	1.0	.6	.8	.3											36	36	59	25
40/ 39	.3	.7	2.5	1.8	.8													44	44	51	27
38/ 37	.6	1.3	1.8	.6	.3	.6												36	36	55	28
36/ 35	.7	1.8	1.4	.8	.1													35	35	76	44
34/ 33	1.3	.8	1.5	.6	.1	.1												32	32	58	55
32/ 31	1.0	2.4	1.5	.8	.4	.1												45	45	36	73
30/ 29	.3	.6	1.0	.3	.1													16	16	36	38
28/ 27	.6	1.1	.7	.6	.1													22	22	28	55
26/ 25	.1	.7	.4	.1														10	10	22	61
24/ 23	.1	.6	.4	.3														10	10	17	33
22/ 21		.6	.6															8	8	13	46
20/ 19	.1	.7																6	6	12	34
18/ 17	.3	.1																3	3	7	23
16/ 15	.1	.1																2	2	2	26
14/ 13	.1																	1	1	2	7
12/ 11		.1																1	1		15
10/ 9	.1	.1																2	2	3	13
8/ 7		.1																1	1	1	6

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
5/ 5		.1																1	1		9
4/ 3	.1																	1	1	2	1
3/ 1																					2
2/ -1																					4
TOTAL	.2	18.9	19.4	14.4	9.7	9.3	8.8	4.9	3.1	1.4	1.3	.4	.3					720	720	720	720

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3090983	44283	61.5	22.605	720							
Dry Bulb	1490609	31647	44.0	11.769	720		16.1	1.6	.3			90
Wet Bulb	1091713	27247	37.8	9.181	720		22.6					90
Dew Point	715018	21278	29.6	10.949	720	.5	55.8					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 85																	.1	1	1		
82/ 81															.3	.3		4	4		
78/ 79											.1		.3	.4	.1			7	7		
74/ 77												.1	.4	.1		.1		6	6		
76/ 75										.4	.1	.6	.3		.1			11	11		
74/ 73									.1	.3	.3	1.0	.8	.3				20	20		
72/ 71					.1		.4	.1	.4	.6	.3	.4	.4	.1				21	21		
70/ 69					.1	.1		.4	.6	.7	1.1	.8	.3					30	30		
68/ 67			.1		.3	.1	.3	.8	.4	1.3	1.0	.8						37	37		
66/ 65					.1	.6	.1	.8	.6	1.1	1.0							31	31		
64/ 63			.3	.3			.7	.6	.7	.8	.3							26	26	2	
62/ 61		.1	.1	.3		.6	1.3	1.0	.6	1.0	.4	.1						39	39	4	1
60/ 59		.1	.4	.3	.3	.4	1.0	1.0	1.4	.6								39	39	8	2
58/ 57		.1	.1	.1	.4	1.3	.8	1.4	.8	.4								40	40	14	3
56/ 55			.3	1.1	.8	.7	.7	1.3	.6	.1								40	40	27	6
54/ 53		.1	.4	.3	.4	1.4	1.3	.7	.3									33	33	37	7
52/ 51			.3	.3	1.0	1.4	.6	1.3										34	34	51	6
50/ 49		.3	.6	.7	1.4	1.4	1.0	.3										40	40	59	7
48/ 47	.1	.6	.8	.6	.6	1.0	1.0	.3										35	35	72	15
46/ 45		.4	.1	1.3	1.1	.8	.3	.1										30	30	50	20
44/ 43	.1	.8	.4	.6	.8	.7	.1	.1										27	27	66	23
42/ 41	.3	.4	.8	.1	.6		.4											19	19	59	34
40/ 39		.8	.6	1.1	.3	.4	.3											25	25	51	24
38/ 37	.3	.6	.4	.6	.4	.6	.4											23	23	49	42
36/ 35	.3	.4	.3	.3	.4	.4												15	15	24	44
34/ 33	.3	.7	.6	.4	.7	.1												20	20	31	45
32/ 31	.4	.7	1.1	.4	.4													22	22	16	65
30/ 29	.6	1.3	.4	.3														18	18	28	51
28/ 27		.8	.6	.3														12	12	29	32
26/ 25		.6		.1														5	5	17	65
24/ 23																				13	44
22/ 21		.1																1	1	2	38
20/ 19		.1																1	1	2	38
18/ 17	.1	.1																2	2	3	19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
16/ 15		.1																1	1		22
14/ 13		.1																1	1	1	19
12/ 11		.1																1	1	1	11
10/ 9		.4																3	3	4	8
8/ 7																					5
6/ 5																					11
4/ 3																					5
2/ 1																					6
0/ -1																					2
TOTAL	2.5	10.1	8.8	9.3	10.3	11.9	10.3	10.1	6.4	7.2	4.6	3.9	2.5	1.0	.6	.4	.1		720		720
																		720		720	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1953731	33555	46.6	23.288	720							
Dry Bulb	2157494	38106	52.9	13.991	720		8.4	17.1	6.1	1.1		9C
Wet Bulb	1356823	30509	42.4	9.438	720		14.5					9C
Dew Point	720879	21281	29.6	11.304	720	.3	55.1					9C

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95																	.4	3	3		
94/ 93															.1	.1		2	2		
92/ 81														.6		.3		6	6		
90/ 79											.1	.3	.3	.6	.1	.3		12	12		
88/ 77											.1	.4	.4	.3	.1	.3		12	12		
86/ 75									.1	.3	.3	.7	1.3					19	19		
84/ 73						.3		.1	.4	.3	.7	.7	1.1	.3				28	28		
82/ 71							.3	.3	.1	.4	.8	.6	1.0	.3				27	27		
80/ 69					.1			.1	.1	.8	1.4	1.4	.6	.1				34	34		
78/ 67						.1	.1	.6		1.0	1.1	.3	.1					24	24		
76/ 65						.4	.7	.7	.4	.7	1.7	.1						34	34		
74/ 63		.1	.3	.1	.4	.4	1.5	.3	.6	1.3	.3	.4						41	41	2	
72/ 61			.3	.3	.6	.4	.7	.3	.7	1.5	.3							36	36	3	1
70/ 59			.1		.3	.3	1.3	.4	1.5	1.5	.3							41	41	8	1
68/ 57			.3	.4		1.1	.4	1.1	.4	.1								28	28	14	2
66/ 55			.4	.3	1.0	.3	1.1	.7	.6									31	31	27	5
64/ 53			.1	.1	1.0	.6	1.9	.6	.1									32	32	52	1
62/ 51			.1		.6	1.3	1.7	.6	.4									33	33	59	5
60/ 49		.6	.4	.7	.6	1.3	1.4	.1	.1									37	37	44	12
58/ 47	.4		.7	.7	1.1	1.3	.4	.3	.1									36	36	78	23
56/ 45	.1	.7	.4	.4	.7	.4	.7											25	25	48	10
54/ 43		1.0	.8	.8	.7	.3		.3										28	28	79	15
52/ 41		.4	.4	.4	.3	.3	.6	.1										18	18	50	35
50/ 39	.1	1.4	.8	.6	.3	1.0	.3											32	32	56	31
48/ 37	.1		.3	.6	.3	1.1	.3											19	19	45	35
46/ 35		.4	.4	.1	.1	.1												9	9	25	45
44/ 33		.4		.3	.6													9	9	16	34
42/ 31	.6	1.7	1.3	.3	.4													30	30	20	58
40/ 29	.1	.4	.3	.6														10	10	30	50
38/ 27		.8																6	6	28	43
36/ 25		.3	.1	.4														6	6	16	69
34/ 23		.3																2	2	4	25
32/ 21																				6	52
30/ 19		.3																2	2		45

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
19/ 17	.1	.1																2	2	4	21
16/ 15		.4																3	3		22
14/ 13																				3	15
12/ 11																					19
10/ 9		.3																2	2	1	14
8/ 7	.1																	1	1	2	6
6/ 5																					7
4/ 3																					11
2/ 1																					4
0/ -1																					1
-2/ -3																					3
TOTAL	1.8	9.6	7.6	7.1	8.9	10.8	13.3	6.5	5.8	7.9	7.1	4.9	4.7	2.1	.4	1.0	.4		720		720
																		720		720	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1716532	30912	42.9	23.271	720		8.0	20.9	10.3	2.3		90
Dry Bulb	2306600	39386	54.7	14.543	720		14.3					90
Wet Bulb	1387723	30885	42.9	9.352	720	.5	58.1					90
Dew Point	681144	20574	28.6	11.388	720							

USAFETAC FORM 0-26 3 (C' A JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75															.1			1	1		
72/ 71											.1	.1	.4					5	5		
70/ 69							.1			.1	.4	.4						8	8		
68/ 67						.1			.1	.4	.4	.4						11	11		
66/ 65						.1	.3	.3	.1	.6	.3	.1						13	13		
64/ 63					.6		.1	.3	.6	.3	.4							16	16		
62/ 61			.4	.3	.4	.3	.1	.6	1.0	.4	.3							27	27		
60/ 59		.7		.6	.3	.3	.7	.3	.4		.1							24	24	1	1
58/ 57	.1		.1	.4	1.0	.1	.6	1.0	.8	.3								32	32	11	2
56/ 55			.3	.6	.7	.6	.7	1.7	.6	.3								38	38	9	6
54/ 53		.4	.6	.7	.6	1.0	1.0	1.1	.4									41	41	10	
52/ 51		.7	1.1	1.7	1.0	1.3	.8	1.8	.1									61	61	22	4
50/ 49		.8	.7	1.0	1.0	.8	1.3	.6										44	44	35	19
48/ 47	.4	.6	1.1	.7	.6	1.0	1.1		.1									40	40	58	18
46/ 45	.6		1.3	.4	1.5	.7	.6	.1										37	37	59	23
44/ 43		.8	1.0	1.8	1.1	1.4												44	44	44	13
42/ 41		1.0	1.0	1.0	1.5	.8												38	38	65	24
40/ 39	.3	1.5	2.2	1.7	.6	.1	.1											47	47	57	26
38/ 37	.4	1.5	1.1	.6	.3	.8												34	34	74	42
36/ 35	.1	.8	.8	.8	.6	.1												24	24	63	40
34/ 33		.7	1.1	.1	.3	.7												21	21	39	26
32/ 31	1.1	1.4	.7	.7	1.0	.1												36	36	35	69
30/ 29	.4	1.0	1.4	.4	.4													26	26	31	51
28/ 27	.3	.8	.4	.8	.1													18	18	25	47
26/ 25	.3	.7	.3	.1														10	10	25	44
24/ 23		.6	.1															5	5	24	31
22/ 21		.7	.1															6	6	14	53
20/ 19	.3	.1																3	3	8	45
18/ 17		.3																2	2	1	27
16/ 15	.1	.1																2	2	3	33
14/ 13		.1																1	1	1	21
12/ 11		.3																2	2	2	12
10/ 9																				1	13
8/ 7	.3																	2	2	2	4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
5/ 5	.1																	1	1	1	6
4/ 3																					12
2/ 1																					5
-3/ -3																					3
TOTAL	4.9	15.7	15.8	14.3	13.3	10.4	7.5	7.6	4.3	2.4	2.1	1.1	.4		.1			720	720		720
																		720		720	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2624681	40231	55.9	22.890	720							
Dry Bulb	1612418	32964	45.8	11.981	720		14.3	3.1	.1			90
Wet Bulb	1125492	27702	38.5	9.109	720		21.6					90
Dew Point	677988	20482	28.4	11.515	720	.4	59.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | NOV MONTH

 2100-2340 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
6 -/ 67											.1							1	1		
6/ 65											.1							1	1		
64/ 63										.3	.3							4	4		
62/ 61			.1	.3	.1	.1		.1	.6	.1	.1	.1						13	13		
6-/ 59			.6	.8			.4	.1		.1								15	15		
5-/ 57			.1	.3	.4	.1	.3	.7		.1								15	15	1	
5+/ 55		.3	.4	.8	.1	.1	.8	.4			.1							23	23	11	2
54/ 53	.3	.1	.3	.4	.8	.7	.6	.1	.1	.1								26	26	9	8
52/ 51	.1	.3	1.0	.4	.7	.7	.4	.4	.1									30	30	14	7
50/ 49		1.4	1.7	.4	.8	1.3	1.9		.1									55	55	14	10
48/ 47	.6	2.2	1.4	.8	1.0	.6	1.4	.6										61	61	37	18
46/ 45	.1	1.4	1.3	.8	.7	.8	.8											43	43	43	28
44/ 43	.4	1.9	.3	1.1	.4	1.8	.3											45	45	55	20
42/ 41		.7	.8	2.2	1.0	.4	.3											39	39	47	27
40/ 39	.1	1.4	1.8	.6	1.9	.6	.1											47	47	33	17
38/ 37	.8	2.1	1.9	1.1	1.4	.3												55	55	63	33
36/ 35	.3	1.4	1.9	1.3	.3	.1												38	38	67	29
34/ 33	1.0	1.8	2.6	.4	.1													43	43	70	29
32/ 31	1.1	2.8	2.9	.1	.8	.1												57	57	58	71
30/ 29	.6	.7	.7	.4	.6													21	21	64	58
28/ 27	.4	.8	2.2		.1													26	26	32	45
26/ 25		.7	1.1	.6	.1													18	18	14	31
24/ 23		.6	.4	.1														8	8	33	34
22/ 21	.3	1.4	.3															14	14	24	60
20/ 19	.3	.3																4	4	12	51
18/ 17	.1	.3																3	3	3	31
16/ 15	.3	.4																5	5	4	32
14/ 13		.6																4	4	2	16
12/ 11																				4	15
10/ 9																					9
8/ 7	.4																	3	3	3	10
6/ 5	.3	.1																3	3	3	11
4/ 3																					4
2/ 1																					12

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1																					1
-3																					1
TOTAL	7.5	23.6	23.9	13.1	11.5	7.8	7.4	2.5	1.0	.8	.8	.1						720	720	720	720

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3317216	46298	64.3	21.750	720							
Dry Bulb	1284096	29394	40.8	10.814	720		20.8	.1				90
Wet Bulb	978045	25709	35.7	9.139	720		32.0					90
Dew Point	661025	20155	28.0	11.605	720	.3	61.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 AMARILLO MAP TX 73-80 NOV
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85																	.1	4	4		
84/ 83															.0	.0		2	2		
82/ 81														.1	.0	.1		10	10		
80/ 79											.0	.0	.1	.1	.0	.0		19	19		
78/ 77											.0	.1	.1	.1	.0	.1		18	18		
76/ 75									.0	.1	.1	.2	.2		.0			33	33		
74/ 73						.0		.0	.1	.1	.1	.2	.2	.1				48	48		
72/ 71					.0		.1	.1	.1	.1	.2	.2	.2	.1				56	56		
70/ 69					.0	.0	.0	.1	.1	.2	.4	.4	.1	.0				75	75		
68/ 67			.0		.1	.1	.1	.2	.1	.3	.4	.2	.0					78	78		
66/ 65				.0	.0	.1	.1	.2	.2	.3	.4	.0						87	87		
64/ 63		.0	.1	.1	.1	.1	.3	.2	.3	.3	.2	.1						102	102	4	
62/ 61		.0	.1	.2	.2	.2	.3	.3	.4	.4	.2	.0						129	129	7	2
60/ 59	.0	.1	.2	.2	.2	.1	.6	.3	.6	.3	.1							162	162	21	5
58/ 57	.1	.1	.2	.2	.3	.4	.5	.6	.3	.2								157	157	46	9
56/ 55	.0	.3	.3	.4	.4	.3	.6	.7	.3	.1	.0							195	195	98	29
54/ 53	.1	.4	.5	.4	.6	.8	.9	.5	.2	.0								247	247	138	45
52/ 51	.1	.3	.7	.6	.7	.9	.7	.6	.1									272	272	197	46
50/ 49	.2	.6	.8	.5	.8	.8	.9	.2	.0									278	278	213	87
48/ 47	.4	1.1	1.1	.7	.7	.9	.6	.2	.0									340	340	336	116
46/ 45	.2	1.6	.6	.7	.8	.7	.4	.1										298	298	359	141
44/ 43	.3	1.6	.9	1.2	.8	.9	.2	.1										336	336	442	187
42/ 41	.2	1.2	1.2	1.0	.8	.6	.3	.0										306	306	388	244
40/ 39	.4	1.4	1.7	1.2	1.0	.3	.1											358	358	378	193
38/ 37	.5	1.5	1.3	1.0	.8	.6	.1											326	326	442	259
36/ 35	.5	1.7	1.2	1.2	.4	.1												286	286	425	300
34/ 33	.8	1.6	1.4	.6	.4	.1												288	288	418	295
32/ 31	1.1	2.6	1.6	.4	.6	.1												364	364	358	542
30/ 29	.7	1.5	1.2	.3	.2													231	231	415	416
28/ 27	.7	1.4	.9	.3	.1													198	198	319	373
26/ 25	.1	1.2	.8	.3	.0													137	137	184	407
24/ 23	.0	.6	.2	.1														49	49	189	253
22/ 21	.1	.8	.3															69	69	123	390
20/ 19	.2	.5	.2															54	54	72	375

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) NOV (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1[illegible]/ 17	.4	.4	.0															48	48	69	227
16/ 15	.2	.2																24	24	33	242
14/ 13	.1	.2																19	19	20	119
12/ 11	.1	.2																13	13	18	99
10/ 9	.1	.2																14	14	13	107
[illegible]/ 7	.2	.1																17	17	21	67
[illegible]/ 5	.1	.1																10	10	9	65
[illegible]/ 3	.1																	2	2	4	49
[illegible]/ 1	.0																	1	1	1	44
[illegible]/ -1																					19
[illegible]/ -3																					8
TOTAL	7.9	23.5	17.6	11.6	10.2	8.1	6.7	4.3	2.6	2.5	2.0	1.3	1.0	.4	.1	.2	.1		5760		5760
																		5760		5760	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24835240	351576	61.0	24.212	5760							
Dry Bulb	12012692	251268	43.6	13.513	5760		156.2	42.9	16.7	3.4		720
Wet Bulb	8537272	214366	37.2	9.855	5760		231.0					720
Dew Point	5395203	163887	28.5	11.276	5760	3.4	475.2					720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

 0000-0200 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59										.1								1	1		
58 / 55		.4		.1	.1			.3	.1	.3								10	10		
[illegible]4 / 53				.5			.5	.5	.1									13	13	3	1
[illegible]2 / 51		.3		.1		.1		.3	.1									7	7		2
5[illegible] / 49		.1	.1	.1		.4	.4											9	9	6	2
4[illegible] / 47				.3		.9	.9											16	16	3	1
4[illegible] / 45		.1		.3	.8	.5	.1											14	14	2	1
[illegible]4 / 43		.3	.4	.8	.4	.8												20	20	4	6
[illegible]2 / 41			.8	1.1	1.7	.8	.4											36	36	11	2
4[illegible] / 39		.4	.9	1.2	1.7	.7												37	37	18	2
3[illegible] / 37		.4	1.5	2.0	1.9	.9	.1											51	51	41	3
[illegible]6 / 35	.3	1.1	1.7	2.7	1.2	.1												53	53	34	6
3[illegible] / 33	.4	1.7	1.7	3.0	1.9	.1												66	66	51	16
[illegible]2 / 31	.4	3.1	4.0	3.4	.8	.1												88	88	71	22
[illegible]0 / 29	.1	2.7	4.3	1.7	.4													69	69	84	18
[illegible]8 / 27	.3	3.4	3.0	.7														54	54	89	52
[illegible]6 / 25	.3	3.6	2.0	.8														50	50	91	49
[illegible]4 / 23	.4	2.2	1.7	.7														37	37	65	42
[illegible]2 / 21		.7	1.6															17	17	40	7[illegible]
[illegible]0 / 19	.7	2.2	1.2	.3														32	32	37	101
1[illegible] / 17	.1	2.2		.5														21	21	28	66
16 / 15		2.2	.1															17	17	23	50
14 / 13		.9																7	7	14	48
12 / 11	.1	.4																4	4	12	49
10 / 9	.7	.5	.1															10	10	9	44
[illegible] / 7		.3																2	2	3	35
[illegible] / 5																				2	16
[illegible] / 3		.4																3	3	3	8
[illegible] / 1																					10
-[illegible] / -3																					3
-4 / -5																					3
-6 / -7																					6
-[illegible] / -9																					3

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.8	29.4	25.4	20.3	11.0	5.6	2.6	1.1	.4	.4								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3042457	45739	61.5	17.615	744							
Dry Bulb	819841	23633	31.8	9.647	744		51.4					93
Wet Bulb	605848	20408	27.4	7.873	744		71.4					93
Dew Point	326975	14045	18.9	9.123	744	1.9	87.8					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION — AMARILLO MAP TX STATION NAME — 73-80 YEARS — DEC MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57										.1								1	1		
56/ 55		.4		.1					.1	.1								6	6		
54/ 53				.3		.1	.3	.7	.1									11	11	3	
52/ 51			.5				.4	.5										11	11		3
50/ 49		.1	.1	.1		.5	.5											11	11	4	
48/ 47					.7	.7	.3											12	12	5	3
46/ 45					.7	.5	.3											11	11		3
44/ 43				.7	.9	.4												15	15	3	2
42/ 41			.4	.8	.4	.7												17	17	5	1
40/ 39			1.3	1.2	1.2	.5												32	32	22	
38/ 37		.4	.9	1.6	1.5	.1	.3											36	36	27	
36/ 35		1.3	.9	3.0	1.2	.3	.1											51	51	41	2
34/ 33		2.0	2.4	2.2	1.3	.1												60	60	28	9
32/ 31	.7	3.9	3.9	2.0	1.1													86	86	62	36
30/ 29		4.6	4.0	1.2														73	73	85	26
28/ 27	.7	3.2	2.7	1.1														57	57	97	39
26/ 25	.1	4.6	3.2	.7														64	64	80	58
24/ 23	.8	3.2	2.7	.1														51	51	81	50
22/ 21		2.8	1.7															34	34	54	78
20/ 19	.5	3.1	.5	.3														33	33	46	81
18/ 17	.4	1.9	.1															18	18	33	71
16/ 15		2.2	.1	.4														20	20	16	62
14/ 13	.3	1.1																10	10	18	44
12/ 11		.8	.3															8	8	10	51
10/ 9	.8	.5	.1															11	11	15	53
8/ 7	.3																	2	2	6	21
6/ 5																					16
4/ 3																					11
2/ 1		.4																3	3	2	9
0/ -1																				1	
-2/ -3																					2
-4/ -5																					7
-6/ -7																					3
-8/ -9																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.6	36.6	26.2	15.7	9.0	4.0	2.2	1.2	.3	.3								744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3313086	47960	64.5	17.265	744							
Dry Bulb	754175	22573	30.3	9.658	744		58.8					93
Wet Bulb	568234	19722	26.5	7.820	744	.1	75.8					93
Dew Point	317807	13931	18.7	8.755	744	1.9	90.1					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5[illegible]/ 57		.1																1	1		
5[illegible]/ 55		.3		.1					.3									5	5	2	
[illegible]4/ 53				.1				.3	.1									4	4	1	3
[illegible]2/ 51		.4	.5				.3	.3	.1									12	12		
5[illegible]/ 49						.1	.3		.1									4	4	4	
4[illegible]/ 47						.4	.1											4	4	5	3
4[illegible]/ 45					.3	.5												6	6		2
44/ 43			.1	.4	.1	.3												7	7		4
42/ 41			.4	1.2	.4	.4												18	18		
4[illegible]/ 39		.1	2.0	1.9	1.1	.3	.1											41	41	13	
3[illegible]/ 37		.3	1.6	1.2	.7	.1												29	29	16	
3[illegible]/ 35		1.6	1.9	1.2	1.2	.1	.3											47	47	38	1
34/ 33		.7	1.9	2.2	1.2	.3												46	46	45	9
32/ 31	.3	3.6	5.4	3.4	.7													99	99	43	25
[illegible]0/ 29	.1	4.3	3.1	1.1														64	64	68	17
2[illegible]/ 27	.4	3.4	3.0	1.2														59	59	102	35
[illegible]/ 25	.5	4.7	3.4	.1														65	65	76	64
24/ 23	.3	4.0	2.4															50	50	88	51
[illegible]2/ 21	1.6	5.1	2.4															68	68	77	74
2[illegible]/ 19	.3	1.6	.5	.4														21	21	44	93
1[illegible]/ 17	.7	2.7	.1															26	26	30	74
16/ 15	.3	3.4	.1	.3														30	30	33	65
14/ 13	.1	1.6																13	13	20	43
12/ 11	.4	.4																6	6	17	51
10/ 9	.4	.5	.1															8	8	6	43
[illegible]/ 7	.7	.3																7	7	11	33
[illegible]/ 5																				1	18
4/ 3	.1																	1	1	1	17
[illegible]/ 1		.3																2	2	1	1
[illegible]/ -1																				1	1
-[illegible]/ -3		.1																1	1	1	5
-4/ -5																					4
-[illegible]/ -7																					3
-[illegible]/ -9																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAI

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 0600-08 HOURS (L. S. T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew F
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-1 /-11 TOTAL	6.2	39.5	29.0	14.8	5.6	2.6	1.1	.5	.7										744		7
																		744		744	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3514695	49715	66.8	16.104	744							
Dry Bulb	678262	21400	28.8	9.188	744	.1	65.0					
Wet Bulb	524362	18902	25.4	7.708	744	.3	77.5					
Dew Point	304204	13586	18.3	8.690	744	2.3	90.3					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 65									.1		.1							2	2		
84/ 63						.1			.1		.1							3	3		
82/ 61								.1	.3	.4								6	6		
80/ 59								.1	.4	.3								6	6		
78/ 57		.1	.3		.3	.1	.4	.3	.3									13	13		
76/ 55		.1	.1			.1	.1	.7	.3	.1								12	12	2	
74/ 53			.3	.1	.1	.4	1.3	1.3	.1									28	28	3	3
72/ 51		.1	.1	.1	.1	.7	.8	1.2										24	24	5	
70/ 49					.1	.9	1.1	.4										19	19	3	1
68/ 47				.3	.8	.7	.8	.3										21	21	5	4
66/ 45				.3	1.6	1.6	1.2	.1										36	36	14	3
64/ 43			.3	.8	1.9	1.5	.4		.1									37	37	17	2
62/ 41	.1		.7	1.7	2.7	2.0	.1											55	55	25	3
60/ 39			1.5	2.2	2.4	.7												50	50	42	
58/ 37		.7	1.9	1.9	.8	.7	.1											45	45	50	1
56/ 35		.9	1.6	2.7	1.7	.1	.1											54	54	74	3
54/ 33		1.2	3.0	2.4	1.1													57	57	68	15
52/ 31		3.4	2.2	2.2	.8	.3												65	65	79	38
50/ 29	.7	2.2	2.8	1.6	.1													55	55	81	44
48/ 27	.4	1.6	1.5	.9														33	33	67	60
46/ 25	.3	2.2	2.3	.1	.1													37	37	60	86
44/ 23	.1	.9	.8	.3														16	16	43	51
42/ 21	.3	1.9	.5	.3														22	22	36	79
40/ 19		.9	.5	.1														12	12	17	81
38/ 17	.1	.7		.1														7	7	13	54
36/ 15		.5	.7															9	9	11	44
34/ 13	.1	.3																3	3	9	52
32/ 11	.4	.5	.1															8	8	6	40
30/ 9	.4	.3																5	5	9	34
28/ 7	.1																	1	1	2	7
26/ 5		.1																1	1	1	8
24/ 3	.1																	1	1	1	5
22/ 1		.1																1	1	1	8
20/ -1																					8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

 0900-1100 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-7/ -3																					1
-4/ -5																					6
-2/ -7																					2
-8/ -9																					1
TOTAL	3.2	18.8	21.1	18.1	14.8	9.9	6.6	4.6	1.7	.8	.3							744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2582412	41532	55.8	18.849	744							
Dry Bulb	1087566	27230	36.6	11.065	744		34.5					93
Wet Bulb	751303	22831	30.7	8.260	744		54.5					93
Dew Point	375453	15383	20.7	8.789	744	2.3	88.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75												.1		.1				2	2		
74/ 73												.1			.1			2	2		
72/ 71										.1		.1	.4	.3				7	7		
70/ 69								.3		.1	.8	.7	.3	.1				17	17		
68/ 67							.1			.4	1.2	.9	.1					21	21		
66/ 65						.1	.1	.3	.4	1.5	.8	.3						26	26		
64/ 63							.1	.5	.8	.8	1.3							27	27		
62/ 61						.1		.7	1.3	1.2	.5							29	29		
60/ 59				.1		.1	.1	.9	.8	1.6	.3	.1						31	31		
58/ 57		.3		.1			.5	1.5	2.0	.7								38	38		
56/ 55			.1			.1	1.5	1.2	1.1	.4								33	33	6	1
54/ 53						.7	.8	1.6	.7									28	28	6	1
52/ 51					.3	.8	2.4	2.0	.9	.1								49	49	10	
50/ 49					.7	.8	3.4	1.1	.4									47	47	22	
48/ 47		.1		.1	.9	3.1	2.4	.5										54	54	45	4
46/ 45				.1	1.3	1.6	1.5	.4										37	37	51	5
44/ 43			.1	.7	1.3	2.3	.8	.3										41	41	59	3
42/ 41			.5	.3	1.5	1.6	.5											33	33	63	1
40/ 39			.5	1.7	.8	1.5	.5											38	38	54	
38/ 37		.1	1.5	1.5	.8	.8	.1											36	36	89	3
36/ 35		.5	.4	.8	1.5	.1												25	25	73	14
34/ 33		.9	.9	.8	.7	.3												27	27	67	16
32/ 31		.9	.7	.7	.5													21	21	43	60
30/ 29	.1	.4	.5	.4	.1													12	12	40	40
28/ 27	.1	.7	.3	.8	.1													15	15	35	67
26/ 25	.3	.5	.5	1.1	.1													19	19	20	69
24/ 23	.1	.3	.5															7	7	18	63
22/ 21			.3	.1														3	3	10	63
20/ 19		.5	.1															5	5	13	77
18/ 17		.4	.1															4	4	5	56
16/ 15		.3																2	2	4	46
14/ 13	.3	.3																4	4	5	28
12/ 11	.1	.3																3	3	4	45
10/ 9		.1																1	1	2	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
8/ 7																					19
6/ 5																					7
4/ 3																					5
2/ 1																					8
0/ -1																					8
-2/ -3																					1
-4/ -5																					2
-6/ -7																					1
TOTAL	1.1	6.7	7.3	9.4	10.8	14.1	15.1	11.3	8.5	7.0	5.0	2.4	.8	.5	.1			744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1447058	29592	39.8	19.065	744							
Dry Bulb	1800242	35316	47.5	12.912	744		12.0	6.1	.5			93
Wet Bulb	1060292	27384	36.8	8.397	744		24.9					93
Dew Point	397585	15889	21.4	8.855	744	1.5	87.0					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75												.3		.1	.1			4	4		
74/ 73										.1		.4		.3	.3			8	8		
72/ 71									.1		.1	.8	1.2	.1				18	18		
70/ 69								.3			.8	1.2		.4				20	20		
68/ 67								.1	.4	.7	.8	.8	.4					24	24		
66/ 65							.1	.3	.4	.9	1.2	.8						28	28		
64/ 63								.1	.7	1.3	1.1	.3						26	26		
62/ 61					.3			.5	1.9	1.7	.8	.4						42	42		
60/ 59					.1		.1	.8	.8	1.3	.7	.1						30	30		
58/ 57							.4	1.7	1.5	.5								31	31	2	
56/ 55						.1	1.1	1.2	2.3	.5								39	39	5	
54/ 53						.7	.8	3.5	.9	.4								47	47	4	
52/ 51					.4	.7	1.7	.9	1.1									36	36	14	
50/ 49					.3	1.5	3.2	1.7	.3									52	52	25	
48/ 47					.5	1.6	2.3	1.3	.1									44	44	48	4
46/ 45				.1	.5	2.2	2.3	.5	.1									43	43	57	3
44/ 43		.1		.4	.5	1.2	1.2	.1										27	27	63	2
42/ 41		.3	.5	.8	1.1	1.2	.7											34	34	58	1
40/ 39			1.3	.9	1.2	1.3	.4											39	39	83	1
38/ 37		.4	.5	1.1	.7	.7												25	25	67	5
36/ 35		1.1		1.3	.8	.5												28	28	79	15
34/ 33		.7	.3	.4	.4													13	13	63	15
32/ 31	.1	.8	1.2	.1	.8	.4												26	26	40	49
30/ 29	.1	.4		.4														7	7	43	44
28/ 27	.1	.7	.5	.9	.4													20	20	26	52
26/ 25		.1	.4	.1														5	5	10	63
24/ 23		.1	.5	.4														8	8	21	53
22/ 21		.1		.3														3	3	11	78
20/ 19	.1	.4	.3															6	6	8	79
18/ 17		.1																1	1	5	54
16/ 15		.5																4	4	3	52
14/ 13	.1	.1																2	2	5	32
12/ 11	.3	.1																3	3	2	36
10/ 9		.1																1	1	2	37

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2347 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥/ 7																					26
6/ 5																					16
4/ 3																					5
2/ 1																					8
0/ -1																					7
-2/ -3																					4
-6/ -7																					2
-10/-11																					1
TOTAL	.9	6.3	5.6	7.4	8.1	12.1	14.4	13.3	10.6	7.7	5.5	5.1	1.6	.9	.4		744	744	744	744	744

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1271316	27212	36.6	19.275	744							
Dry Bulb	1938367	36689	49.3	13.182	744		10.8	9.3	1.5			93
Wet Bulb	1098754	27930	37.5	8.224	744		22.0					93
Dew Point	371877	15269	20.5	8.874	744	1.8	87.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67										.1	.1							2	2		
66/ 65							.1					.1						2	2		
64/ 63								.1		.4	.3							6	6		
62/ 61						.1		.1		.3	.1	.1						6	6		
60/ 59					.1			.4	.5	.5		.1						13	13		
58/ 57					.4		.1	1.1	.5									16	16		
56/ 55						.7	.1	.3	.9	.1								16	16	1	
54/ 53			.1	.1	.1	.3	.8	.8	1.1									25	25	1	
52/ 51			.1		.3	.5	1.6	.7										24	24	4	
50/ 49		.1	.1	.1	.8	1.6	1.5	.8	.1									39	39	4	
48/ 47				.1	.8	1.5	1.9	.7										37	37	6	
46/ 45			.1	.7	1.6	1.6	1.2	.1										40	40	15	7
44/ 43				.8	2.4	3.0	.9											53	53	24	3
42/ 41		.1	.9	1.1	2.4	2.3	1.1											59	59	36	1
40/ 39		.7	.7	2.4	2.8	1.6	.3											63	63	53	2
38/ 37		.4	1.1	1.3	1.6	1.1												41	41	69	6
36/ 35		.7	1.2	1.2	3.0	.7	.1											51	51	74	8
34/ 33		1.2	1.6	1.9	1.6	.1												48	48	82	21
32/ 31	.5	1.7	2.3	2.4	1.5	.1												64	64	72	34
30/ 29	.1	1.6	.9	1.2	.8													35	35	73	37
28/ 27		1.1	1.1	.8	.3													24	24	70	42
26/ 25		1.3	.4	.7	.1													19	19	48	55
24/ 23		.3	1.1	.3														12	12	34	56
22/ 21		.5	.5	.3														10	10	20	86
20/ 19		.8	.4	.3														11	11	13	72
18/ 17	.1	.8	.3															9	9	15	63
16/ 15		.7	.1															6	6	9	47
14/ 13	.1	.1																2	2	8	50
12/ 11	.4	.1	.3															6	6	5	37
10/ 9		.3																2	2	2	38
8/ 7	.1	.3																3	3	4	29
6/ 5																				2	14
4/ 3																					7
2/ 1																					14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (YEARS) DEC (MONTH)

 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1/ -1																					1
-3/ -3																					5
-5/ -5																					3
-7/ -7																					3
-9/ -9																					2
-11/-11																					1
TOTAL	1.5	12.9	13.4	15.7	20.7	15.2	9.8	5.1	3.2	1.5	.5	.4						744	744	744	744

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2064575	36515	49.1	19.149	744							
Dry Bulb	1231461	29169	39.2	10.875	744		25.4	.3				93
Wet Bulb	804036	23750	31.9	7.859	744		46.9					93
Dew Point	349471	14651	19.7	9.058	744	1.9	87.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23,47 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 59						.1	.1			.1								3	3		
[illegible]/ 57					.1													1	1		
5[illegible]/ 55		.1		.3				.5	.7									12	12		
[illegible]4/ 53			.1	.1			.4	.7	.1									11	11	1	
[illegible]2/ 51		.1		.3	.1		.3	.5	.1									11	11	1	1
5[illegible]/ 49		.4			.3	.1	1.3											16	16	8	1
4[illegible]/ 47		.1		.7	.3	.9	.3											17	17	4	1
4[illegible]/ 45				.5	1.2	1.3	.7											28	28	1	6
[illegible]4/ 43			.3	1.1	1.3	1.2	.4											32	32	3	2
[illegible]2/ 41		.3	.5	1.6	1.3	.7	.1											34	34	14	3
4[illegible]/ 39	.1	.4	1.2	1.6	2.7	1.5	.3											58	58	35	
3[illegible]/ 37		1.2	.9	2.2	1.6	.5	.1											49	49	48	6
[illegible]6/ 35		1.1	1.5	3.2	3.4	.3												70	70	49	12
34/ 33	.4	1.5	1.6	3.2	2.2													66	66	64	17
[illegible]2/ 31	.4	3.2	3.2	2.2	1.5													78	78	72	21
[illegible]/ 29	.1	1.7	2.6	2.3	.1													51	51	75	31
2[illegible]/ 27	.4	4.3	2.2	1.9	.3													65	65	102	51
[illegible]6/ 25	.1	1.6	.9	1.7	.1													34	34	83	50
24/ 23		1.3	1.2	.3														21	21	52	44
[illegible]2/ 21	.3	.9	.9	.5														20	20	28	77
[illegible]/ 19	.5	1.1	1.2	.1														22	22	32	95
1[illegible]/ 17		1.3	.3	.4														15	15	23	47
1[illegible]/ 15		.9																7	7	19	57
14/ 13	.1	.9																8	8	8	42
12/ 11	.3	.3																4	4	9	47
[illegible]/ 9	.3	.1	.3															5	5	4	51
[illegible]/ 7		.3																2	2	2	35
[illegible]/ 5	.1																	1	1	4	9
4/ 3	.3																	2	2	2	13
2/ 1	.1																	1	1	1	7
[illegible]/ -1																					2
-2/ -3																					1
-4/ -5																					3
-6/ -7																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-≤/ -9																					6
-10/-11																					2
TOTAL	3.6	23.1	19.0	24.2	16.5	6.7	4.0	1.7	.9	.1								744	744	744	744

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2740122	43002	57.8	18.514	744							
Dry Bulb	919099	25133	33.8	9.712	744		42.0					93
Wet Bulb	657555	21353	28.7	7.758	744		64.5					93
Dew Point	336411	14217	19.1	9.335	744	2.3	86.9					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75												.1		.0	.0			6	6		
74/ 73										.0		.1		.0	.1			10	10		
72/ 71									.0	.0	.0	.1	.2	.1				25	25		
70/ 69								.1		.0	.2	.2	.0	.1				37	37		
68/ 67							.0	.0	.1	.2	.3	.2	.1					47	47		
66/ 65						.0	.1	.1	.1	.3	.3	.2						58	58		
64/ 63						.0	.0	.1	.2	.3	.4	.0						62	62		
62/ 61					.0	.0		.2	.4	.5	.2	.1						83	83		
60/ 59				.0	.0	.0	.1	.3	.3	.5	.1	.1						84	84		
58/ 57		.1	.0	.0	.1	.0	.2	.6	.5	.2								101	101	2	
56/ 55		.2	.0	.1	.0	.1	.4	.5	.7	.2								133	133	16	1
54/ 53			.1	.2	.0	.3	.6	1.2	.4	.1								167	167	22	8
52/ 51		.1	.2	.1	.2	.4	.9	.8	.3	.0								174	174	34	6
50/ 49		.1	.1	.1	.3	.8	1.5	.5	.1									197	197	76	4
48/ 47		.0		.2	.5	1.2	1.1	.4	.0									205	205	121	20
46/ 45		.0	.0	.3	1.0	1.2	.9	.2	.0									215	215	140	30
44/ 43		.1	.2	.7	1.1	1.3	.5	.1	.0									232	232	173	24
42/ 41	.0	.1	.6	1.1	1.4	1.2	.4											286	286	212	12
40/ 39	.0	.2	1.2	1.6	1.7	1.0	.2											358	358	320	5
38/ 37		.5	1.2	1.6	1.2	.6	.1											312	312	407	24
36/ 35	.0	1.0	1.2	2.0	1.7	.3	.1											379	379	462	61
34/ 33	.1	1.2	1.7	2.0	1.3	.1												383	383	468	118
32/ 31	.3	2.6	2.9	2.0	1.0	.1												527	527	482	285
30/ 29	.2	2.2	2.3	1.2	.2													366	366	549	257
28/ 27	.3	2.3	1.8	1.0	.1													327	327	588	398
26/ 25	.2	2.3	1.6	.7	.1													293	293	468	494
24/ 23	.2	1.5	1.4	.3														202	202	402	410
22/ 21	.3	1.5	1.0	.2														177	177	276	612
20/ 19	.3	1.3	.6	.2														142	142	210	679
18/ 17	.2	1.3	.1	.1														101	101	152	485
16/ 15	.0	1.3	.2	.1														95	95	118	423
14/ 13	.2	.7																49	49	87	339
12/ 11	.3	.4	.1															42	42	65	356
10/ 9	.3	.3	.1															43	43	49	331

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 STATION | AMARILLO MAP TX STATION NAME | 73-80 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7/ 7	.2	.1																17	17	28	205
6/ 5	.0	.0																2	2	10	104
4/ 3	.1	.1																7	7	7	71
2/ 1	.0	.1																7	7	5	65
0/ -1																				2	27
-2/ -3		.0																1	1	1	22
-4/ -5																					26
-6/ -7																					25
-8/ -9																					20
-10/-11																					5
TOTAL	7.1	21.7	18.4	15.7	12.1	8.8	7.0	4.9	3.3	2.2	1.4	1.0	.3	.2	.1			5952	5952	5952	5952

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	19975721	321267	54.0	21.042	5952							
Dry Bulb	9229013	221143	37.2	13.044	5952	.1	299.8	15.6	2.0			744
Wet Bulb	6070384	182280	30.6	9.056	5952	.4	437.4					744
Dew Point	2779783	116971	19.7	8.991	5952	15.6	704.9					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-81 (YEARS) ALL (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1[illegible]/105																	.0	4	4		
1 4/103																	.0	12	12		
1 2/101																.0	.1	42	42		
1[illegible]/ 99															.0	.0	.1	83	83		
[illegible]8/ 97														.0	.1	.1	.1	169	169		
[illegible]6/ 95													.0	.1	.1	.1	.1	325	325		
[illegible]4/ 93										.0	.0	.1	.2	.2	.2	.1	.1	577	577		
[illegible]2/ 91									.0	.0	.1	.3	.3	.2	.1	.1	.1	776	776		
9[illegible]/ 89								.0	.0	.1	.3	.4	.3	.2	.1	.1	.0	971	971		
[illegible]8/ 87							.0	.0	.1	.3	.4	.4	.2	.1	.1	.1	.0	1112	1112		
[illegible]6/ 85							.0	.1	.3	.4	.4	.2	.1	.1	.1	.0	.0	1315	1315		
[illegible]4/ 83						.0	.1	.3	.4	.4	.4	.2	.1	.1	.1	.0	.0	1353	1353		
[illegible]2/ 81				.0	.0	.1	.2	.5	.4	.3	.2	.1	.1	.2	.0	.0	.0	1567	1567		
[illegible]0/ 79				.0	.0	.1	.5	.4	.4	.3	.2	.1	.2	.2	.0	.1	.0	1723	1723		
7[illegible]/ 77				.0	.1	.5	.4	.4	.3	.2	.2	.1	.1	.1	.1	.0		1817	1817		
[illegible]6/ 75			.0	.1	.3	.5	.5	.4	.3	.2	.2	.2	.2	.1	.0	.0		2081	2081	8	
[illegible]4/ 73			.0	.2	.7	.5	.4	.4	.2	.2	.1	.2	.1	.0	.0			2274	2274	86	1
[illegible]2/ 71		.0	.2	.6	.6	.6	.4	.3	.2	.2	.2	.2	.1	.1	.0			2567	2567	768	7
[illegible]0/ 69		.1	.5	.7	.6	.4	.3	.2	.2	.2	.2	.2	.0	.0	.0			2578	2578	2068	48
6[illegible]/ 67	.0	.2	.9	.6	.5	.3	.2	.2	.2	.2	.2	.2	.0	.0				2764	2764	3421	252
[illegible]6/ 65	.0	.4	.9	.5	.4	.3	.3	.2	.2	.3	.3	.1	.0					2795	2795	4265	835
[illegible]4/ 63	.0	.6	.7	.4	.3	.2	.2	.2	.3	.3	.2	.0	.0					2488	2488	4056	2107
[illegible]2/ 61	.0	.8	.4	.4	.3	.3	.3	.3	.4	.3	.1	.0						2592	2592	3934	3105
[illegible]0/ 59	.1	.7	.4	.3	.3	.2	.3	.4	.3	.3	.1	.0						2419	2419	3208	3756
[illegible]8/ 57	.1	.6	.4	.3	.3	.3	.3	.4	.3	.2	.0	.0						2222	2222	2806	3361
5[illegible]/ 55	.1	.6	.4	.3	.3	.3	.4	.4	.3	.1	.0							2157	2157	2652	3436
[illegible]4/ 53	.0	.6	.4	.3	.3	.4	.5	.4	.2	.0	.0							2255	2255	2549	2858
[illegible]2/ 51	.1	.5	.4	.4	.4	.4	.5	.4	.1	.0								2202	2202	2574	2594
5[illegible]/ 49	.1	.4	.4	.3	.4	.5	.5	.3	.1	.0								2109	2109	2266	2497
[illegible]/ 47	.1	.4	.4	.4	.5	.5	.5	.2	.0									2004	2004	2690	2080
[illegible]/ 45	.1	.5	.3	.4	.6	.5	.3	.1	.0									1935	1935	2742	2021
44/ 43	.0	.4	.3	.6	.6	.5	.2	.0	.0									1827	1827	2612	1895
42/ 41	.0	.4	.5	.6	.5	.4	.1	.0										1747	1747	2408	172
[illegible]0/ 39	.1	.5	.7	.7	.5	.3	.1	.0										2032	2032	2588	161

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

23147 STATION | AMARILLO MAP TX STATION NAME | 73-81 YEARS | ALL MONTH

 ALL HOURS (L. S.

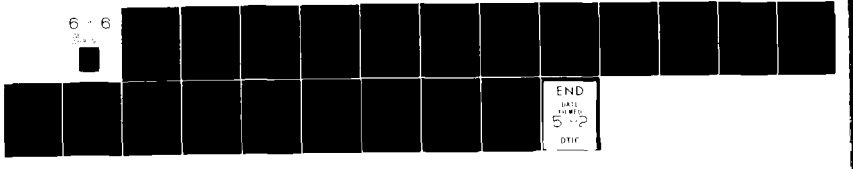
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
3 / 37	.1	.6	.7	.5	.5	.2	.0											1807	1807	2848	1
3 / 35	.1	.7	.6	.6	.4	.1	.0											1767	1767	2826	2
3 / 33	.1	.8	.7	.6	.3	.0	.0											1754	1754	2478	2
2 / 31	.2	1.2	.9	.5	.2	.0												2173	2173	2312	3
2 / 29	.3	.8	.6	.3	.1	.0												1454	1454	2528	2
2 / 27	.3	.8	.5	.2	.0													1246	1246	2211	2
2 / 25	.2	.8	.5	.1	.0													1125	1125	1621	2
2 / 23	.1	.5	.2	.1														623	623	1426	1
2 / 21	.2	.6	.2	.0														756	756	1009	2
2 / 19	.3	.5	.2	.0														673	673	784	3
1 / 17	.2	.4	.1	.0														463	463	612	2
1 / 15	.1	.4	.1	.0														411	411	476	1
1 / 13	.1	.2	.0															276	276	408	1
1 / 11	.1	.2	.0															221	221	295	1
1 / 9	.1	.1	.0															190	190	224	1
/ 7	.1	.1	.0															134	134	170	
/ 5	.1	.0																49	49	74	
/ 3	.0	.0																44	44	53	
/ 1	.0	.0																34	34	26	
/ -1	.0	.0																11	11	20	
- / -3	.0	.0																10	10	11	
- / -5	.0																	5	5	7	
- / -7	.0	.0																2	2	1	
- / -9																				1	
-1 / -11																					
-1 / -13																					
-1 / -15																					
-1 / -17																					
-1 / -19																					
TOTAL	3.4	16.4	13.7	11.2	10.0	8.6	7.8	6.5	5.2	4.5	3.6	3.0	2.2	1.7	1.1	.7	.6		70122		70
																		70122		70122	

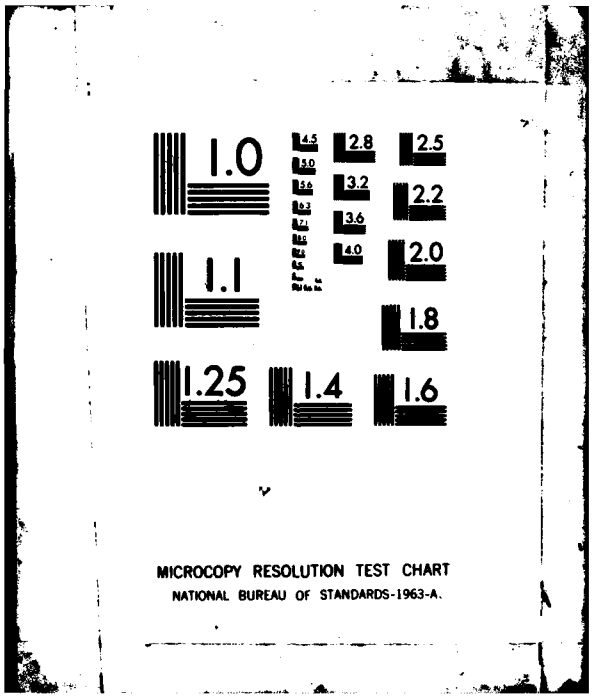
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Tota
Rel. Hum.	2575035 22	3922562	55.9	23.303	70122							
Dry Bulb	2505585 01	3952689	56.4	19.893	70122	3.5	1235.3	6013.8	2025.2	1149.1	151.5	8
Wet Bulb	1724617 52	3305540	47.1	15.404	70122	5.1	1780.7	793.9	11.7			8
Dew Point	1217933 38	2660580	37.9	17.242	70122	67.6	3750.5	38.5	.1			8

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A113 176 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
AMARILLO MAP, TEXAS. REVISED UNIFORM SUMMARY OF SURFACE WEATHER--ETC(U)
DEC 81

UNCLASSIFIED USAFETAC/DS-81/101 SBI-AD-E850 144 NL




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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23047 AMARILLO MAP TX 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
00-02	MEAN	28.1	33.6	40.8	50.7	57.2	67.7	72.0	69.6	62.4	51.6	38.7	31.8	50.4
	S.D.	10.792	10.432	9.780	9.606	8.064	7.202	4.892	4.858	7.592	8.803	10.249	9.647	17.305
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	26.0	31.7	38.0	47.7	55.0	64.4	68.9	66.8	59.8	49.0	36.6	30.3	47.9
	S.D.	10.275	10.088	9.533	9.320	7.749	6.394	4.201	4.269	6.949	8.486	9.683	9.658	16.760
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
06-08	MEAN	24.5	30.2	36.9	47.6	56.3	65.8	69.7	67.0	59.3	48.0	35.5	28.8	47.5
	S.D.	9.799	9.610	9.212	9.132	7.645	6.573	4.787	4.503	7.016	8.150	9.767	9.188	17.464
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
09-11	MEAN	30.0	38.1	47.1	58.2	65.7	76.5	80.5	77.5	69.2	59.0	44.0	36.6	56.9
	S.D.	11.940	12.656	12.151	10.191	9.008	8.037	6.495	6.684	9.888	10.591	11.769	11.065	19.601
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
12-14	MEAN	40.0	48.0	55.9	66.5	72.9	83.7	87.2	84.7	76.6	68.1	52.9	47.5	65.4
	S.D.	14.598	15.333	13.704	11.143	10.247	8.824	6.874	7.236	11.079	12.131	13.991	12.912	19.501
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
15-17	MEAN	43.3	51.1	58.8	69.1	75.2	85.9	88.6	86.3	78.4	70.1	54.7	49.3	67.7
	S.D.	15.276	15.806	13.462	11.424	10.527	8.949	7.079	7.138	11.168	12.186	14.543	13.182	19.348
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
18-20	MEAN	35.8	43.7	52.9	63.6	70.5	81.1	84.5	81.3	72.5	61.5	45.8	39.2	61.1
	S.D.	12.896	13.865	12.427	11.319	10.129	9.149	7.068	7.175	9.996	10.707	11.981	10.875	19.819
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
21-23	MEAN	30.7	36.8	44.9	54.8	61.6	72.5	76.5	73.6	65.5	54.8	40.8	33.8	53.9
	S.D.	11.191	11.082	10.215	9.818	8.314	7.541	5.502	5.451	7.937	9.013	10.814	9.712	18.074
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
ALL HOURS	MEAN	32.3	39.2	46.9	57.3	64.3	74.7	78.5	75.8	68.0	57.8	43.6	37.2	56.4
	S.D.	13.765	14.468	13.811	12.971	11.690	11.126	9.472	9.462	11.439	12.816	13.513	13.044	19.893
	TOTAL OBS	5952	5424	5952	5760	5946	5760	5952	5952	5760	5952	5760	5952	70122

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23047 AMARILLO MAP TX 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.8	29.2	34.9	43.8	51.6	59.5	63.0	62.4	56.4	45.2	34.7	27.4	44.5
	S.D.	8.942	7.845	7.918	8.501	7.573	4.886	2.740	3.506	6.413	8.054	9.080	7.873	15.306
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	23.3	28.0	33.4	42.3	50.4	58.1	62.0	61.3	55.3	43.8	33.3	26.5	43.2
	S.D.	8.730	7.801	8.154	8.837	7.779	5.133	2.696	3.416	6.416	8.145	8.906	7.820	15.391
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
06-08	MEAN	22.2	26.9	32.6	42.5	51.2	59.2	62.8	61.5	55.1	43.3	32.5	25.4	43.0
	S.D.	8.519	7.675	7.913	8.766	7.423	5.062	2.764	3.446	6.524	7.976	9.011	7.708	15.954
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
09-11	MEAN	26.1	32.1	38.6	48.1	55.6	63.6	67.0	65.9	59.5	49.2	37.8	30.7	47.9
	S.D.	9.400	8.604	8.208	7.755	6.832	4.728	2.347	3.079	6.704	7.686	9.181	8.260	15.732
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
12-14	MEAN	32.4	37.5	42.9	51.3	57.9	65.4	68.3	67.5	61.6	52.8	42.4	36.8	51.5
	S.D.	9.941	9.045	8.001	7.220	6.484	4.490	2.222	2.923	6.219	7.449	9.438	8.397	14.259
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
15-17	MEAN	34.2	38.9	43.9	51.6	58.0	65.6	68.2	67.6	61.7	53.1	42.9	37.5	52.0
	S.D.	9.977	8.986	7.441	6.837	6.037	4.206	2.102	2.968	5.763	7.054	9.352	8.224	13.710
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
18-20	MEAN	29.8	34.9	41.0	49.3	56.3	63.9	66.8	66.0	59.7	49.5	38.5	31.9	49.0
	S.D.	9.406	8.597	7.484	7.360	6.186	4.311	2.262	3.248	5.898	7.393	9.109	7.859	14.764
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
21-23	MEAN	26.6	31.1	37.1	45.8	53.3	61.2	64.4	63.8	57.3	46.6	35.7	28.7	46.0
	S.D.	8.906	7.899	7.545	8.103	6.912	4.581	2.779	3.527	6.078	7.800	9.139	7.758	15.129
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
ALL HOURS	MEAN	27.4	32.3	38.1	46.8	54.3	62.1	65.3	64.5	58.3	47.9	37.2	30.6	47.1
	S.D.	10.073	9.289	8.798	8.692	7.491	5.432	3.473	4.061	6.735	8.484	9.855	9.056	15.404
	TOTAL OBS	5952	5424	5952	5760	5946	5760	5952	5952	5760	5952	5760	5952	70122

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23047 AMARILLO MAP TX 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	17.7	21.2	25.9	35.5	46.2	53.7	57.4	57.9	51.8	38.2	28.4	18.9	37.8
	S.D.	9.799	8.945	10.641	12.059	10.878	7.144	5.358	5.373	7.993	10.744	11.288	9.123	17.404
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	17.0	20.9	25.8	35.6	46.0	53.6	57.6	57.8	51.7	38.0	27.8	18.7	37.6
	S.D.	9.490	8.568	10.497	12.106	10.858	7.102	4.830	5.109	7.818	10.578	11.070	8.755	17.421
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
06-08	MEAN	16.2	20.2	25.6	36.3	46.4	54.6	58.5	58.0	51.8	37.8	27.3	18.3	37.7
	S.D.	9.234	8.689	10.074	11.603	10.394	6.908	4.432	4.898	7.903	10.334	10.925	8.690	17.733
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
09-11	MEAN	18.6	22.7	27.2	37.7	47.1	55.5	59.6	59.3	52.8	39.6	29.6	20.7	39.3
	S.D.	9.226	8.594	10.038	11.250	10.649	7.304	4.179	4.699	8.137	9.981	10.949	8.789	17.250
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
12-14	MEAN	20.5	23.0	26.6	36.0	45.7	54.3	58.1	58.0	51.6	39.9	29.6	21.4	38.7
	S.D.	9.090	8.867	10.686	12.016	11.939	7.861	4.856	5.531	8.330	10.012	11.304	8.855	16.782
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
15-17	MEAN	20.4	22.1	25.2	33.7	43.6	53.0	57.1	57.0	50.3	37.6	28.6	20.5	37.5
	S.D.	9.170	9.345	11.128	12.251	12.950	8.188	5.376	6.038	8.325	10.009	11.388	8.874	16.824
	TOTAL OBS	744	678	744	720	744	[illegible]	744	744	720	744	720	744	8766
18-20	MEAN	19.4	21.6	25.2	33.9	44.0	52.[illegible]	[illegible]7	57.1	50.6	37.4	28.4	19.7	37.3
	S.D.	9.424	9.341	11.084	12.589	12.308	8.372	5.[illegible]7	6.217	8.461	10.498	11.515	9.058	17.068
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
21-23	MEAN	18.5	21.4	25.6	35.5	45.7	53.5	56.9	57.8	51.1	37.7	28.0	19.1	37.6
	S.D.	9.641	9.316	10.957	12.197	11.203	7.643	5.969	5.830	8.269	11.040	11.605	9.335	17.343
	TOTAL OBS	744	678	744	720	741	720	744	744	720	744	720	744	8763
ALL HOURS	MEAN	18.6	21.6	25.9	35.5	45.6	53.9	57.7	57.9	51.5	38.2	28.5	19.7	37.9
	S.D.	9.490	9.001	10.659	12.068	11.475	7.622	5.173	5.521	8.185	10.423	11.276	8.991	17.242
	TOTAL OBS	5952	5424	5952	5760	5946	5760	5952	5952	5760	5952	5760	5952	70122

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23047 AMARILLO MAP TX 74-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.3	97.2	91.3	80.0	65.2	48.8	31.9	12.5	68.1	744
	03-05	100.0	99.9	97.6	94.8	86.7	71.0	55.0	37.2	16.8	71.2	744
	06-08	100.0	100.0	98.5	95.4	89.1	75.7	60.6	36.3	17.1	72.6	744
	09-11	100.0	99.6	96.6	88.8	74.1	59.9	43.7	28.2	15.1	66.0	744
	12-14	99.9	94.1	80.0	59.1	44.2	32.0	23.4	15.9	7.8	51.2	744
	15-17	98.5	87.8	70.6	48.5	36.6	26.1	18.0	12.0	5.5	46.0	744
	18-20	100.0	97.3	87.2	70.7	54.8	41.3	28.4	16.9	7.4	55.8	744
	21-23	100.0	98.5	95.4	85.3	70.3	57.4	41.5	25.1	10.3	63.9	744
TOTALS		99.8	97.1	90.4	79.2	67.0	53.6	39.9	25.4	11.6	61.9	5952

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 — STATION
AMARILLO MAP TX — STATION NAME
74-81 — PERIOD
FEB — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	99.7	97.9	92.2	82.7	70.2	59.9	47.9	29.4	14.2	64.7	678
	03-05	100.0	98.7	94.1	86.7	77.0	66.1	53.1	33.9	15.5	68.0	678
	06-08	100.0	99.6	95.9	88.9	80.2	68.7	56.2	36.7	15.6	69.6	678
	09-11	99.9	94.8	85.4	73.9	62.2	49.9	38.8	24.9	12.1	59.8	678
	12-14	95.1	81.4	64.6	48.7	37.8	28.9	19.5	12.4	6.6	45.2	678
	15-17	92.9	72.7	54.0	39.8	30.5	22.9	16.1	12.2	4.0	40.2	678
	18-20	97.1	84.4	71.4	55.0	44.0	34.4	26.0	16.1	6.0	49.0	678
	21-23	99.1	95.6	86.4	74.2	59.7	50.0	37.2	23.6	7.8	59.0	678
TOTALS		98.0	90.6	80.5	68.7	57.7	47.6	36.9	23.7	10.2	56.9	5424

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX 74-81 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	99.1	86.7	75.1	63.8	50.8	38.3	22.3	5.5	59.7	744
	03-05	100.0	99.2	94.1	82.1	72.0	62.2	45.2	28.4	7.5	64.9	744
	06-08	100.0	99.6	94.9	86.2	76.2	64.8	49.9	34.3	8.9	66.9	744
	09-11	99.6	91.5	77.0	62.5	48.0	35.3	26.3	16.9	3.6	51.8	744
	12-14	95.3	74.2	51.9	37.1	28.2	21.2	14.5	8.2	3.4	39.1	744
	15-17	91.7	61.4	42.3	29.4	23.0	15.7	11.2	6.5	2.8	34.2	744
	18-20	96.4	76.2	55.0	41.9	31.9	23.1	15.6	8.2	2.6	40.8	744
	21-23	99.6	93.7	75.5	63.2	50.1	37.2	27.4	14.9	3.4	52.1	744
TOTALS		97.8	86.9	72.2	59.7	49.2	38.8	28.6	17.5	4.7	51.2	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX 74-81 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	97.4	90.4	78.6	63.8	49.3	36.5	21.8	5.7	60.1	720
	03-05	99.9	99.4	94.6	86.9	74.4	62.8	44.9	28.5	11.5	65.9	720
	06-08	100.0	99.9	96.9	90.0	79.3	63.3	48.9	30.0	12.1	67.7	720
	09-11	100.0	95.3	79.4	62.8	45.4	31.4	21.1	11.3	3.9	50.9	720
	12-14	97.1	76.4	53.6	34.0	22.8	15.1	10.3	5.0	1.7	37.4	720
	15-17	94.0	63.2	39.2	25.0	16.5	11.7	7.9	4.6	1.1	32.2	720
	18-20	96.4	76.4	54.6	39.0	28.2	18.9	12.2	7.2	.8	39.0	720
	21-23	100.0	94.9	82.1	64.7	49.2	36.9	26.0	13.2	3.2	52.8	720
TOTALS		98.4	87.9	73.9	60.1	47.5	36.2	26.0	15.2	5.0	50.8	5760

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX 74-81 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	99.3	98.9	95.8	88.8	81.9	71.0	56.7	34.8	12.4	70.0	744
	03-05	100.0	98.9	96.6	92.2	86.0	78.4	67.6	46.6	19.1	74.4	744
	06-08	100.0	99.1	96.2	91.4	83.9	74.6	62.2	39.7	17.1	72.4	744
	09-11	99.7	94.1	85.9	73.1	58.2	40.7	24.3	13.0	5.4	55.4	744
	12-14	96.4	85.6	69.0	50.8	32.5	19.9	11.7	6.3	2.8	43.2	744
	15-17	93.7	74.9	59.0	40.5	27.2	17.1	9.9	5.5	2.7	38.8	744
	18-20	95.7	83.4	66.5	52.8	39.3	27.0	17.8	10.1	3.0	45.2	741
	21-23	99.5	95.3	88.9	77.5	67.5	53.6	39.0	23.6	6.7	60.9	741
TOTALS		98.0	91.3	82.2	70.9	59.6	47.8	36.2	22.5	8.7	57.5	5946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 — STATION
AMARILLO MAP TX — STATION NAME
73-80 — PERIOD
JUN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	99.6	96.5	86.1	72.9	56.3	39.6	25.4	8.1	64.0	720
	03-05	100.0	100.0	98.9	94.0	84.3	69.0	51.4	35.0	11.5	70.2	720
	06-08	100.0	100.0	98.8	93.6	85.0	68.6	49.3	29.0	9.9	69.4	720
	09-11	100.0	97.1	87.8	71.7	47.6	28.9	14.0	6.5	1.8	51.3	720
	12-14	99.4	89.2	66.7	40.0	22.4	11.8	5.0	3.2	1.0	39.7	720
	15-17	97.9	83.5	54.9	31.7	17.1	8.6	4.3	2.5	.8	35.8	720
	18-20	99.2	88.2	66.3	46.3	28.9	17.8	9.9	5.0	1.5	41.9	720
	21-23	100.0	98.8	87.9	72.9	55.6	38.2	23.1	14.2	4.7	55.0	720
TOTALS		99.6	94.6	82.2	67.0	51.7	37.4	24.6	15.1	4.9	53.4	5760

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	98.8	88.2	68.4	53.6	35.8	19.5	3.1	62.3	744
	03-05	100.0	100.0	99.6	95.6	84.0	67.9	49.1	30.9	6.3	69.1	744
	06-08	100.0	100.0	99.9	96.1	86.8	69.5	47.6	30.1	7.4	69.3	744
	09-11	100.0	99.7	92.7	74.2	45.6	27.4	12.1	5.1	.1	51.2	744
	12-14	100.0	95.8	71.8	38.7	20.0	8.2	3.4	1.3	.3	39.6	744
	15-17	100.0	90.3	60.2	31.6	17.5	8.2	4.4	1.2		36.9	744
	18-20	100.0	95.4	69.0	44.8	28.5	15.6	7.1	1.3		41.6	744
	21-23	100.0	99.9	91.5	69.5	50.7	37.0	20.6	8.5	.7	53.5	744
TOTALS		100.0	97.6	85.4	67.3	50.2	35.9	22.5	12.2	2.2	52.9	5952

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX | 73-80 | AUG
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	98.9	96.4	85.8	66.0	43.7	23.1	6.7	68.2	744
	03-05	100.0	100.0	99.6	98.0	93.0	80.2	60.1	40.1	13.4	74.1	744
	06-08	100.0	100.0	99.7	98.0	94.5	82.4	59.4	40.3	13.7	74.4	744
	09-11	100.0	99.7	96.2	81.0	57.5	33.3	18.7	10.9	3.1	55.8	744
	12-14	100.0	96.9	78.2	46.6	26.6	13.3	7.5	4.0	1.3	43.0	744
	15-17	100.0	94.2	68.1	37.0	20.0	10.6	5.4	3.0	.5	39.5	744
	18-20	100.0	97.0	83.3	54.8	34.0	20.2	13.3	6.0	.9	46.6	744
	21-23	100.0	100.0	97.6	88.4	64.8	45.3	27.7	15.7	2.6	59.8	744
TOTALS		100.0	98.5	90.2	75.0	59.5	43.9	29.5	18.5	5.3	57.7	5952

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (PERIOD) SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	99.4	94.4	86.9	70.1	50.0	30.8	12.1	73.3	720
	03-05	100.0	100.0	100.0	97.5	92.5	83.8	67.8	41.7	18.2	75.9	720
	06-08	100.0	99.9	99.7	98.2	94.0	86.4	71.4	48.3	20.4	77.5	720
	09-11	100.0	98.9	94.4	83.1	63.9	43.6	27.5	16.0	5.7	59.2	720
	12-14	99.4	93.5	77.8	55.0	32.4	20.6	12.2	7.2	3.2	45.6	720
	15-17	99.0	88.9	67.2	45.0	25.6	17.1	10.0	6.9	2.9	41.8	720
	18-20	99.9	95.1	82.4	63.6	43.8	29.6	17.9	11.3	3.6	50.3	720
	21-23	100.0	99.3	96.5	86.5	71.0	52.2	35.0	21.5	5.4	62.6	720
TOTALS		99.8	97.0	89.7	77.9	63.8	50.4	36.5	23.0	8.9	63.4	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.7	96.8	87.5	67.7	53.1	38.4	22.4	9.9	63.2	744
	03-05	100.0	100.0	99.2	93.5	79.4	62.0	46.6	28.4	13.4	66.0	744
	06-08	100.0	100.0	99.1	94.6	82.0	67.5	50.7	31.2	17.3	70.0	744
	09-11	100.0	98.5	83.3	64.4	48.3	33.5	20.4	12.2	7.7	52.7	744
	12-14	99.7	84.1	55.2	35.5	22.2	14.4	9.7	7.0	4.4	39.0	744
	15-17	98.5	73.4	46.2	28.6	16.9	11.7	8.2	6.6	3.2	35.1	744
	18-20	100.0	93.0	68.1	49.6	34.5	22.4	15.3	9.9	4.6	45.4	744
	21-23	100.0	99.5	92.1	69.6	53.5	39.9	26.6	16.3	7.3	56.2	744
TOTALS		99.8	93.5	80.0	65.4	50.6	38.1	27.0	16.8	8.5	53.7	5952

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-80 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	99.4	96.8	87.6	78.5	67.4	53.1	36.9	19.0	69.7	720
	03-05	100.0	99.9	98.2	91.9	84.2	74.2	58.2	44.0	22.5	73.0	720
	06-08	100.0	100.0	98.6	94.9	85.6	75.3	62.9	46.1	23.3	74.5	720
	09-11	100.0	97.8	90.3	76.7	64.2	52.2	37.6	24.2	13.2	61.5	720
	12-14	99.2	38.2	69.2	53.6	37.8	26.9	18.5	11.7	6.3	46.6	720
	15-17	98.1	83.1	60.1	46.9	33.1	22.9	16.4	9.2	3.9	42.9	720
	18-20	99.9	95.7	82.8	69.7	55.8	44.0	30.0	16.9	7.5	55.9	720
	21-23	99.9	98.2	94.0	81.3	70.3	59.6	42.6	27.4	12.6	64.3	720
TOTALS		99.6	95.3	86.3	75.3	63.7	52.8	39.9	27.1	13.5	61.1	5760

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX — STATION / STATION NAME
73-80 — PERIOD
DEC — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.2	96.0	87.1	70.4	52.3	33.9	17.1	4.4	61.5	744
	03-05	100.0	99.2	96.9	89.8	77.6	58.7	40.9	22.3	3.9	64.5	744
	06-08	100.0	99.3	97.8	93.1	83.3	66.9	44.8	22.3	5.0	66.8	744
	09-11	99.9	99.1	90.2	76.2	57.1	39.8	25.9	11.7	3.0	55.8	744
	12-14	98.8	88.0	61.6	37.9	23.1	14.5	10.1	5.2	1.6	39.8	744
	15-17	97.7	81.2	50.1	31.3	19.0	12.5	7.8	4.8	1.9	36.6	744
	18-20	99.7	96.8	83.6	60.8	39.8	26.9	16.4	9.1	3.0	49.1	744
	21-23	100.0	99.3	93.4	79.6	62.0	41.8	28.6	14.5	3.5	57.8	744
TOTALS		99.5	95.3	83.7	69.5	54.0	39.2	26.1	13.4	3.3	54.0	5952

USAFETAC FORM AIR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23047 AMARILLO MAP TX 73-81 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.8	97.1	90.4	79.2	67.0	53.6	39.9	25.4	11.6	61.9	5952
FEB		98.0	90.6	80.5	68.7	57.7	47.6	36.9	23.7	10.2	56.9	5424
MAR		97.8	86.9	72.2	59.7	49.2	38.8	28.6	17.5	4.7	51.2	5952
APR		98.4	87.9	73.9	60.1	47.5	36.2	26.0	15.2	5.0	50.8	5760
MAY		98.0	91.3	82.2	70.9	59.6	47.8	36.2	22.5	8.7	57.5	5946
JUN		99.6	94.6	82.2	67.0	51.7	37.4	24.6	15.1	4.9	53.4	5760
JUL		100.0	97.6	85.4	67.3	50.2	35.9	22.5	12.2	2.2	52.9	5952
AUG		100.0	98.5	90.2	75.0	59.5	43.9	29.5	18.5	5.3	57.7	5952
SEP		99.8	97.0	89.7	77.9	63.8	50.4	36.5	23.0	8.9	60.4	5760
OCT		99.8	93.5	80.0	65.4	50.6	38.1	27.0	16.8	8.5	53.7	5952
NOV		99.6	95.3	86.3	75.3	63.7	52.8	39.9	27.1	13.5	61.1	5760
DEC		99.5	95.3	83.7	69.5	54.0	39.2	26.1	13.4	3.3	54.0	5952
TOTALS		99.2	93.8	83.1	69.7	56.2	43.5	31.1	19.2	7.2	56.0	70122

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

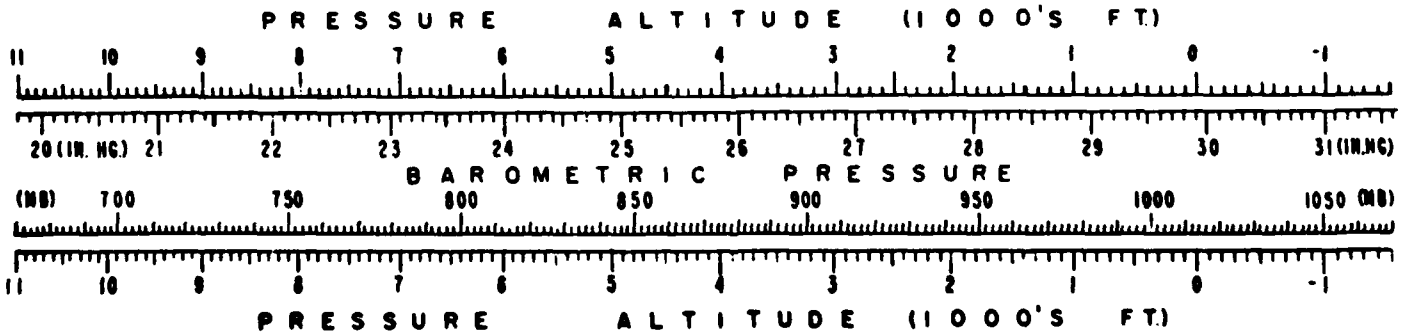
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23047 (STATION) AMARILLO MAP TX (STATION NAME) 73-81 (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN	26.336	26.315	26.233	26.259	26.237	26.301	26.369	26.368	26.367	26.366	26.353	26.337	26.320
	S D	.195	.190	.189	.175	.144	.131	.077	.089	.130	.169	.188	.204	.169
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
03	MEAN	26.313	26.285	26.211	26.236	26.213	26.276	26.343	26.342	26.343	26.342	26.326	26.305	26.295
	S D	.185	.190	.188	.172	.140	.129	.075	.087	.125	.165	.186	.202	.166
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
06	MEAN	26.327	26.295	26.229	26.266	26.246	26.311	26.374	26.366	26.369	26.368	26.347	26.316	26.318
	S D	.188	.203	.196	.173	.142	.132	.078	.090	.128	.170	.190	.206	.170
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
09	MEAN	26.341	26.317	26.243	26.280	26.258	26.319	26.377	26.373	26.378	26.382	26.360	26.330	26.330
	S D	.184	.187	.196	.173	.137	.127	.074	.088	.127	.166	.187	.200	.165
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
12	MEAN	26.362	26.342	26.251	26.283	26.261	26.325	26.386	26.382	26.391	26.395	26.373	26.354	26.342
	S D	.195	.192	.205	.184	.141	.129	.077	.089	.128	.171	.191	.212	.172
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
15	MEAN	26.280	26.261	26.177	26.217	26.199	26.264	26.324	26.319	26.322	26.316	26.300	26.279	26.272
	S D	.188	.185	.197	.175	.139	.127	.075	.086	.130	.167	.185	.193	.166
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
18	MEAN	26.300	26.274	26.181	26.214	26.181	26.248	26.312	26.311	26.325	26.326	26.320	26.307	26.275
	S D	.191	.186	.194	.176	.146	.130	.076	.087	.133	.168	.183	.194	.168
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
21	MEAN	26.306	26.286	26.199	26.231	26.198	26.258	26.321	26.324	26.337	26.338	26.330	26.314	26.287
	S D	.187	.181	.185	.168	.144	.129	.072	.087	.129	.167	.179	.194	.164
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	26.321	26.297	26.216	26.248	26.224	26.288	26.351	26.348	26.354	26.354	26.339	26.318	26.305
	S D	.190	.190	.196	.176	.144	.132	.080	.091	.131	.169	.187	.201	.169
	TOTAL OBS	1984	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	23374

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

23047 AMARILLO MAP TX 73-81

STATION STATION NAME YEARS

HRS. (L S T)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
00	MEAN	1018.6	1016.6	1012.3	1011.8	1010.0	1011.1	1013.1	1013.4	1014.4	1015.7	1017.3	1017.7	1014.3
	S.D.	8.526	8.370	8.213	7.271	6.231	5.452	3.350	3.790	5.738	7.290	8.171	8.800	7.486
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
03	MEAN	1018.2	1016.0	1012.0	1011.5	1009.6	1010.7	1012.8	1013.0	1014.1	1015.4	1016.9	1016.9	1013.9
	S.D.	8.331	8.487	8.279	7.281	6.060	5.477	3.373	3.782	5.695	7.182	8.222	8.904	7.448
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
06	MEAN	1018.4	1016.3	1012.2	1012.2	1010.4	1011.7	1013.6	1013.5	1014.6	1016.2	1017.6	1017.4	1014.5
	S.D.	8.173	8.438	8.423	7.152	5.897	5.370	3.205	3.768	5.603	7.119	8.115	8.860	7.340
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
09	MEAN	1020.3	1018.1	1013.9	1013.6	1011.8	1012.6	1014.4	1014.6	1015.9	1017.7	1019.0	1019.0	1015.9
	S.D.	8.078	8.199	8.470	7.238	5.863	5.316	3.201	3.712	5.664	7.108	8.177	8.710	7.382
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
12	MEAN	1019.8	1017.7	1013.1	1012.8	1010.9	1011.9	1013.8	1014.0	1015.3	1016.8	1018.2	1018.4	1015.2
	S.D.	8.334	8.282	8.684	7.496	6.013	5.340	3.286	3.710	5.772	7.210	8.253	8.747	7.513
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
15	MEAN	1016.8	1015.0	1010.6	1010.7	1009.1	1010.2	1012.1	1012.2	1013.3	1014.4	1015.9	1016.0	1013.0
	S.D.	8.379	8.088	8.515	7.346	6.064	5.353	3.301	3.762	5.834	7.165	8.204	8.486	7.345
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
18	MEAN	1017.4	1015.2	1010.5	1010.2	1008.0	1009.2	1011.2	1011.4	1013.0	1014.6	1016.6	1016.9	1012.8
	S.D.	8.326	7.941	8.217	7.181	6.195	5.347	3.248	3.804	5.829	7.025	7.886	8.263	7.465
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
21	MEAN	1018.8	1016.9	1012.1	1011.7	1009.3	1010.2	1012.2	1012.7	1014.4	1016.0	1017.9	1018.4	1014.2
	S.D.	8.124	7.979	8.122	7.152	6.283	5.425	3.195	3.755	5.739	7.153	7.856	8.469	7.496
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
ALL HOURS	MEAN	1018.5	1016.5	1012.1	1011.8	1009.9	1011.0	1012.9	1013.1	1014.4	1015.8	1017.4	1017.6	1014.2
	S.D.	8.340	8.273	8.420	7.324	6.164	5.473	3.404	3.872	5.795	7.216	8.150	8.693	7.495
	TOTAL OBS	1984	1808	1984	1920	1982	1920	1984	1984	1920	1984	1920	1984	23374

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REPORT DOCUMENTATION PAGE

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18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for Amarillo MAP, Texas
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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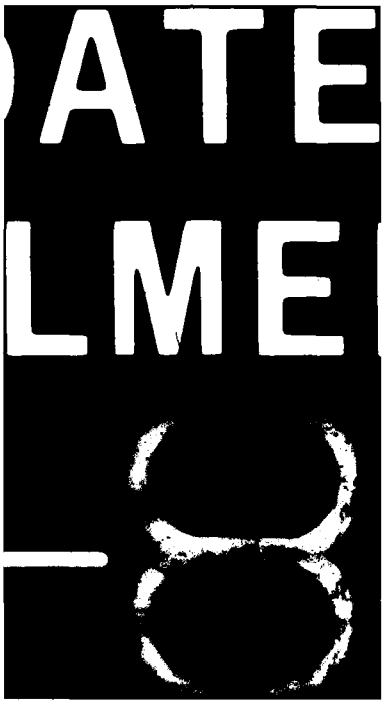
19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Texas

* Amarillo MAP, Texas
Amarillo, Texas

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

Period of record from Hourly OBS: Jun 73 - May 81 .
Period of record from Daily OBS: Jul 46 - May 81.


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